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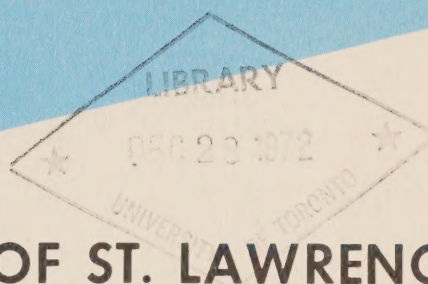


DEPARTMENT OF THE ENVIRONMENT
Ottawa

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Government
Publications



GULF OF ST. LAWRENCE
Two Surveys
June 18 to June 30, 1968
June 16 to July 1, 1968

No. 1

1971 Data Record Series

Canada
Canadian Oceanographic Data Centre

Programmed by the
Canadian Committee on Oceanography

1971

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Catalogue No. M58-1/1971-1

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Ottawa
1971

GULF OF ST. LAWRENCE
Two Surveys
June 18 to June 30, 1968
June 16 - July 1, 1968

CODC References: 10-68-033
10-68-036

No. 1

1971 Data Record Series

Canadian Oceanographic Data Centre
615 Booth St., Ottawa, Canada

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INTRODUCTION

The two cruises covered by this report, C.S.S. "Dawson" 3368 (CODC 10-68-033) and M.V. "Brandal" 3668 (CODC 10-68-036), were undertaken to look at circulation patterns in the Gulf of St. Lawrence between Cape Breton Island, Prince Edward Island, and Anticosti Island. The grid of stations laid out for these cruises is shown in Fig. 1.

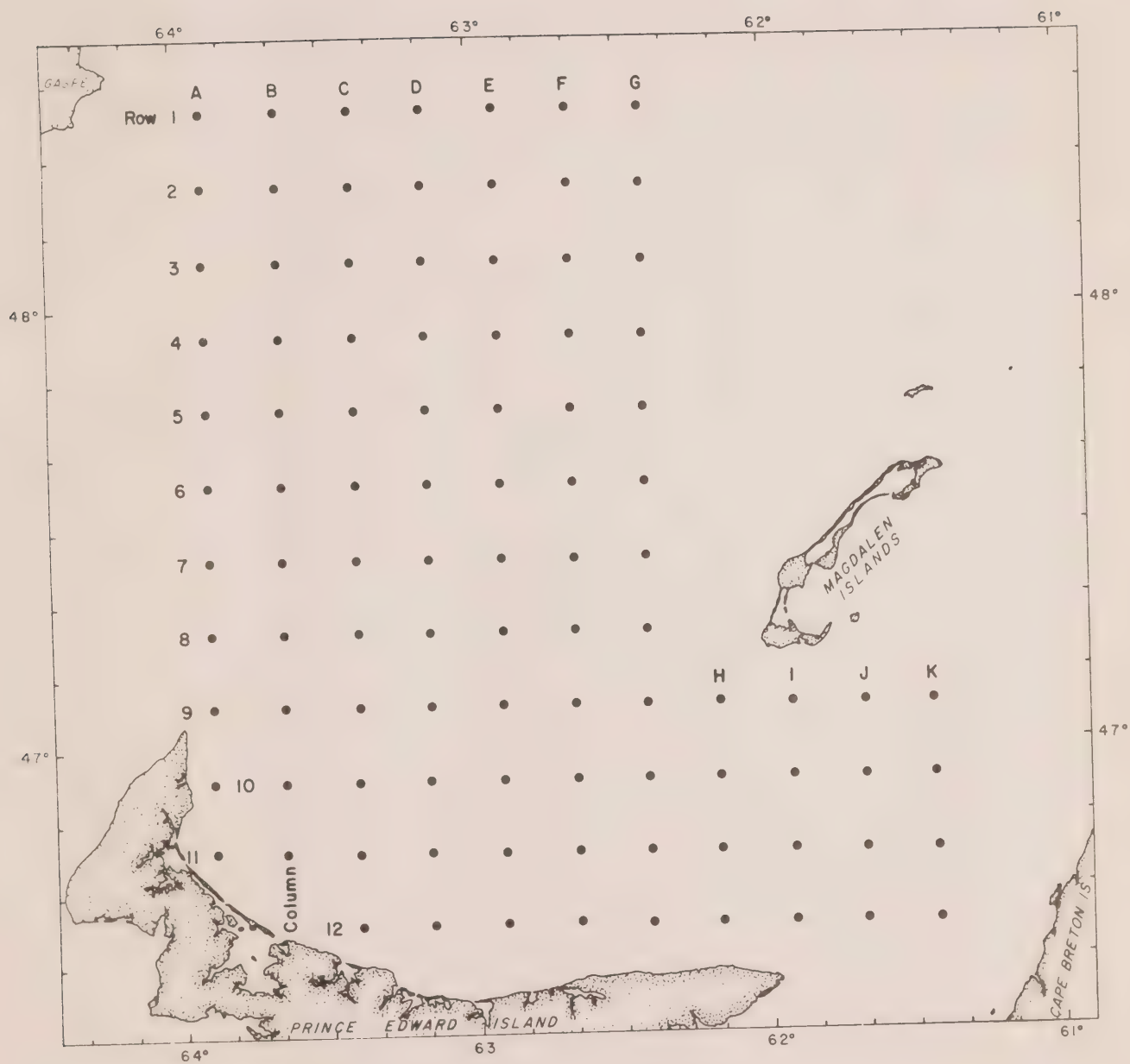


FIG. 1 STATION GRID USED BY CSS DAWSON (10-68-033)
AND MV BRANDAL (10-68-036)

PART I

by

CSS "Dawson"

(CODC Reference 10-68-033)

DEPARTMENT OF ENERGY, MINES AND RESOURCES
and
FISHERIES RESEARCH BOARD OF CANADA

GULF OF ST. LAWRENCE

Ship:	CSS "Dawson"
Local cruise designation:	BI 3368
CODC cruise reference no:	10-68-033
Cruise period:	June 18-June 30, 1968
Scientist-in-Charge:	R.W. Trites
Observers:	J. Budlong T.R. Foote T. Hallett F.K. Keyte E.A. Lewis

ATLANTIC OCEANOGRAPHIC LABORATORY
and
MARINE ECOLOGY LABORATORY
Bedford Institute, Dartmouth, N.S.

SECTION I

Description of data collection procedures



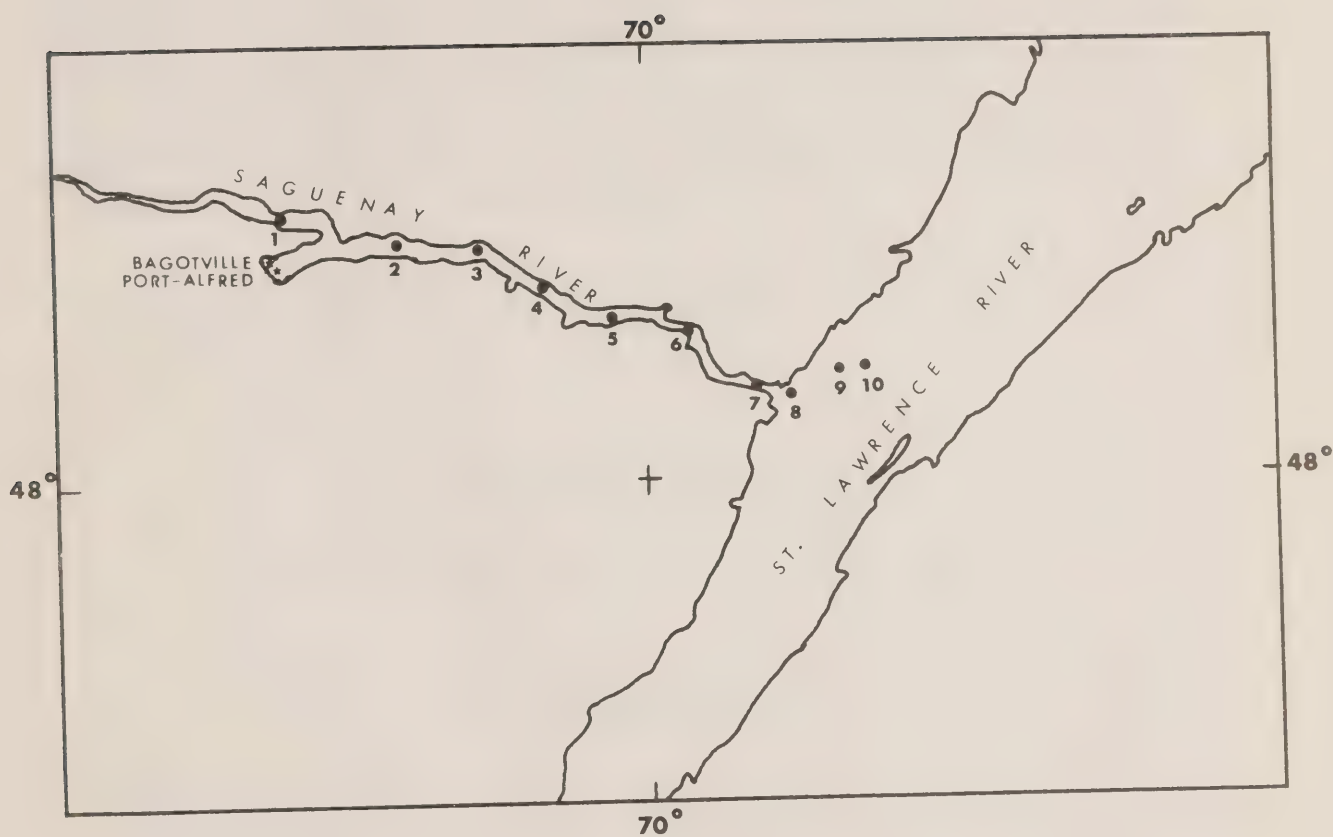


FIG. 2 SAGUENAY RIVER STATIONS OCCUPIED BY CSS DAWSON (10-68-033)

INTRODUCTION

One hundred and eighty-three stations were occupied, 1-172 in the grid of Fig. 1; station 173 in the Gaspé Passage, and 174-183 in the Saguenay River (Fig. 2). There were a number of bottle stations, but the bulk of the data gathered was by the STD (salinity-temperature-"depth", actually pressure) sensor designed by Dr. T. Dauphinee of the National Research Council, Ottawa, and built by Guildline Instruments, Ontario. The ten Saguenay River stations, however, showed near-surface salinities so fresh that the STD recorder went off-scale, therefore the data reported here are from Nansen reversing bottles, with salinities determined by Auto-Lab salinometer on board.

For the STD stations, temperatures and salinities were extracted by hand from graphical output.

EXTRACT OF CRUISE LOG

Depart Dartmouth, N.S. - 18 June, 1968
Return Dartmouth, N.S. - 30 June, 1968

PERSONNEL

At sea:

Dr. R.W. Trites	Scientist-in-charge, FRB
J. Budlong	FRB
T. Foote	EMR
T. Hallett	EMR
F. Keyte	EMR
E. Lewis	EMR
E. Verge	EMR
Dr. T. Dauphinee	NRC, Ottawa
E. Ter Heijden	Oceanographic Research, MSB, Ottawa
D. Hooper	Oceanographic Research, MSB, Ottawa

Data Analyses at Bedford Institute

Compilation of data:	F. Keyte R.W. Trites
Salinity determinations, Nansen bottles:	E. Verge
Current meter moorings:	T. Foote E. Lewis
STD operation and maintenance:	Dr. T. Dauphinee T. Hallett

SECTION II

Description of the machine-generated data record

DESCRIPTION OF THE DATA RECORDS

GENERAL REMARKS

This Data Report contains oceanographic station data for the cruise indicated on the title page. The data have been edited and processed by CODC's OCEANS IV program, and are archived in our Oceanographic Station Data File. Copies of the data can be provided in computer-compatible form on card or magnetic tape. A description of the OCEANS IV program and/or an outline of available output formats are available upon request. (OCEANS IV; A Processing, Archiving and Retrieval System for Oceanographic Station Data).

Most entries in the observed portion of the Data Records can be accompanied by an error code or doubtful marker. Errors are indicated only if the entry is based on duplicate or multiplicate measurements and are coded A through I in multiples of the last digit shown in the printout (see Table 6).

The Data Records are broken into three "blocks": the station master, observed data, and interpolated data blocks. The station master contains the identification, position, time and bottom depth of the station plus meteorological data and some general information. In the observed data block the temperature and salinity observations and derived parameters such as sigma-t, specific volume anomaly, etc. are given. It may be followed or replaced by a second group of observed data containing all observed parameters but no derived quantities. The third block contains interpolated values of all parameters at specified depth or pressure levels. It also can be replaced or followed by a second group of interpolated data containing all observed parameters but no derived quantities. This data block is included in the listing only if specifically requested by the data originator.

Interpolations can be carried out to standard oceanographic depth or pressure levels (see Table 7) or to depth or pressure levels specified by the data originator. Both observed and derived parameters are interpolated individually, using the nearest two observations (or calculated values) above and below the desired interpolation levels. Two hyperbola are fitted to these points and a weighted mean is determined as described by Reiniger and Ross (1968)* or by Rattray (1962).** Linear interpolation is used in all cases when fewer than two points above and two below the required level are available. On page 1 the interpolation technique used is specified (if applicable).

*Deep Sea Res., 15, p 185 - 193

**Deep Sea Res., 9, p 25 - 37

EXPLANATION OF DATA RECORD HEADINGS

Insignificant trailing digits of any parameter can be left blank on the data entry forms, but will be shown as zeros in the listings of all data except temperature and salinity.

STATION MASTER HEADINGS

1. CRUISE NUMBER			2. STATION NUMBER		
3. LAT	7. YEAR	11. WAVE-P/H	15. WND-DIR	19. WW	21. COUN
4. LONG	8. MONTH	12. SWEL-P/H	16. WND-SPD	20. CLD-A	22. INST
5. DEPTH	9. DAY	13. SWEL-D	17. AIR-TEMP		23. RESTR
6. MARSD SQ	10. H/M	14. BARO	18. WET BLB		24. UNAS

(1) CRUISE NUMBER	The first two digits indicate the year of the first station of the cruise; the next three digits are assigned consecutively by each institute commencing at 001 each year.
(2) CONSECUTIVE STATION NUMBER	Indicates the chronological order in which the stations are occupied.
(3) LATITUDE	Position of the platform at the sampling time in degrees and minutes with two decimals. Non-observed decimals are printed as zero's; e.g. observed latitudes of N36°25' and N36°25.00' will both be printed as N36 25.00.
(4) LONGITUDE	
(5) DEPTH	Bottom depth in metres with one decimal; adjusted for soundspeed as indicated on page 1.
(6) MARSDEN SQUARE	A code to designate the ten-degree square in which the samples have been taken (Figure 1).
(7) YEAR	Time-date group defining the moment at which the shallowest level is observed in GMT (Greenwich Mean Time).
(8) MONTH	
(9) DAY	
(10) HOUR and MINUTE	
(11) WAVE PERIOD and HEIGHT	Sea wave period in seconds (2 digits), followed by wave height (2 digits) in multiples of 0.5 metres; e.g. a wave height of 3 m is coded as 06.
(12) SWELL PERIOD and HEIGHT	See explanation of (11)
(13) SWELL DIRECTION	Direction <i>from</i> which swell waves are coming. A calm is indicated by 000, waves from due north by 360.
(14) BAROMETER	Air pressure in mbar with one decimal. Corrections for barometer height and/or outside air temperature have been applied as indicated on page 1.
(15) WIND DIRECTION	Direction <i>from</i> which the wind is blowing in degrees. A calm is indicated by 000, wind from due north by 360.
(16) WIND SPEED	Wind speed is given in m/sec; original observations made on the Beaufort scale are converted to metres per second according to the scale given in Table 1.
(17) AIR TEMPERATURE	In degrees Celsius with one decimal.
(18) WET BULB	
(19) WW CODE	Present weather in WMO code 4677 (Table 2)
(20) CLOUD AMOUNT	Sky coverage in eighths according to WMO code 2700 (Table 3)
(21) COUNTRY	Country in which the institute responsible for collecting the data is situated (Table 4).

- (22) INSTITUTE A code identifying the institute responsible for collecting the data (Table 5).
- (23) RESTRICTION If desired, a restriction can be placed on the data by inserting a numerical code. Blank or zero stand for unrestricted and non proprietary data.
- (24) UNASSIGNED In this field any alphanumeric information, entered in the corresponding field on the Data Summary form used to submit the data to CODC, is reproduced. It can, for example, be used to indicate an arbitrary station coding.

OBSERVED OR INTERPOLATED DATA;

- | | | | | |
|---------|----------|---------------------------------|----------|----------|
| 1. GMT | 2. DEPTH | 3. PRESS | 4. TEMP | 5. POT.T |
| 6. SAL | 7. SGMT | 8. SGPT | 9. SOUND | 10. GEOA |
| 11. CHI | 12. SVA | 13. CHEMICAL PARAMETERS | | |

- (1) GMT Time in GMT of in situ observation, e.g. time of reversal of a reversing thermometer. When a multiple cast is initiated prior to and continued after midnight, time may be indicated as 24, 25, 26, etc., hours plus up to 59 minutes. Note that the station date is determined by the date of the shallowest observed level.

- (2) DEPTH Sample depth in metres with one decimal.

- (3) PRESSURE Pressure at the sampling level, in dbar with one decimal, with reference to a surface pressure of zero. It may be followed by an "M" or a "C" to indicate whether pressure is measured or calculated from a depth observation.

- (4) TEMPERATURE In degrees Celsius with three decimals, measured as indicated on page 1. It can be followed by one of the alphabetic doubtful data markers and error codes shown in Table 6, or by a "P" to indicate temperatures measured with an in situ probe.

- (5) POTENTIAL TEMPERATURE Potential temperature is the temperature that a water sample would attain if raised adiabatically to the sea surface. It is defined by:

$$\Theta_i = T_i + \int_0^{P_i} \left(\frac{\partial T}{\partial p} \right)_\eta dp$$

where T_i is the in situ temperature, $\left(\frac{\partial T}{\partial p} \right)_\eta$ the derivate of temperature with respect to pressure under constant entropy, and P_i the pressure at the observed level. Θ_i is given in degrees Celsius with three decimals.

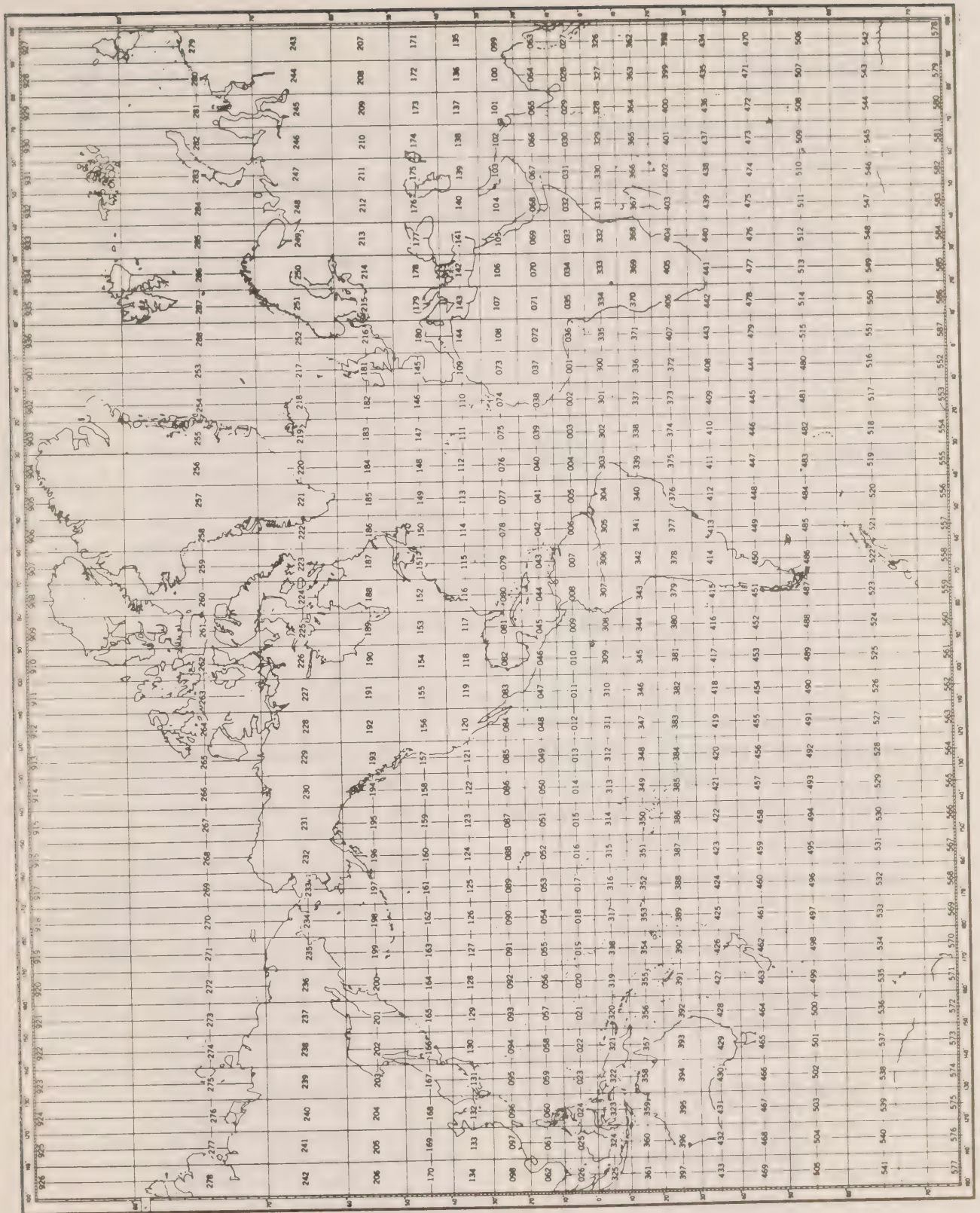
- (6) SALINITY In parts per thousand (g/kg) with three decimals, measured as indicated on page 1. It may be followed by the alphabetic error codes shown in Table 6, or by a "P" to indicate salinities measured with an in situ probe.

- (7) SIGMA-T The specific gravity anomaly, sigma-t, of seawater at atmospheric pressure is defined by:

$$\sigma_t = 1000 \times (\rho_{s,t,p=0} - 1.0)$$

where $\rho_{s,t,p=0}$ is the specific gravity of seawater as a function of salinity S, temperature T, and sea surface pressure. Sigma-t is given with two decimals; e.g. an entry of 2485 corresponds to $\sigma_t = 24.85$ or $\rho = 1.024,85$.

- (8) SIGMA POTENTIAL TEMPERATURE See definition of sigma-t, but substitute the potential temperature Θ for the in situ temperature T .
- (9) SOUNDSPEED Soundspeed is reported in m/sec with one decimal. It may be followed by an "M" or a "C" to indicate whether it is measured directly or calculated as a function of temperature, salinity and pressure using Wilson's equations.
- (10) GEOPOTENTIAL ANOMALY Geopotential anomaly is defined as:
- $$\Delta D = \int_0^p \delta \, dp$$
- where δ is specific volume anomaly. The integration over pressure is carried out either down to the pressure at the required depth level, or down to the required pressure level, as specified on page 1. The geopotential anomaly is expressed in dynamic metres (10^5 ergs/gram) with three decimals: a value of 0.215 corresponds to $\Delta D = 0.215$ dynamic metres.
- (11) POTENTIAL ENERGY ANOMALY (CHI) Potential energy anomaly is defined by:
- $$\chi_\eta = \frac{1}{g} \int_0^{P(z_\eta)} p \, \delta \, dp$$
- where g is local gravity as a function of latitude and depth, p is pressure and δ the specific volume anomaly. It is expressed in units of 10^8 erg/cm² and recorded with two decimals, e.g. a value of 11644 corresponds to $\chi = 116.44 \times 10^8$ erg/cm².
- (12) SPECIFIC VOLUME ANOMALY The specific volume anomaly is defined by:
- $$\delta_{stp} = \alpha_{stp} - \alpha_{35, 0, p}$$
- where α_{stp} and $\alpha_{35, 0, p}$ are the specific volume at the in situ salinity, temperature and pressure, or a standard salinity of 35.0‰, standard temperature of 0°C, and in situ pressure respectively, δ is expressed in 10^5 ml/gr with one decimal place; e.g. a reading of 1234 corresponds to $\delta = 123.4 \times 10^{-5}$ ml/gr.
- (13) OXY Dissolved oxygen in ml/l with two decimals.
- (14) PO₄ Phosphate-phosphorus in μ g-atoms per litre with two decimals.
- (15) T-P Total phosphorus in μ g-atom per litre with two decimals.
- (16) NO₂ Nitrate-nitrogen in μ g-atom per litre with two decimals.
- (17) NO₃ Nitrate-nitrogen in μ g-atom per litre with one decimal.
- (18) SI Silicate-silicon in μ g-atom per litre with one decimal.
- (19) pH The pH value with three decimals.
- (20) F Fluoride in mg/l with two decimals.
- (21) D.C. Dissolved organic carbon in mg/l with two decimals.
- (22) P.C. Particulate organic carbon in mg/m³ with zero decimals.
- (23) T ALK Total alkalinity in micro-equivalents per litre with zero decimals.
- (24) C ALK Carbonate alkalinity in micro-equivalents per litre with zero decimals.
- (25) NH₃ Ammonia in micrograms NH₃ per litre with two decimals.



MARSDEN SQUARE CHART

CODE TABLES

TABLE 1

CONVERSION OF BEAUFORT ESTIMATE TO
WINDSPEED IN M/SEC

Beaufort	Windspeed in m/sec	Beaufort	Windspeed in m/sec
0	00	7	15
1	01	8	19
2	02	9	22
3	04	10	26
4	07	11	30
5	09	12	34
6	12		

TABLE 2

PRESENT WEATHER (ww — Code)

Use the highest code figure applicable except that 17
has preference over 20 to 49 inclusive.

00—49 NO PRECIPITATION AT SHIP AT TIME
OF OBSERVATION

00—03 CHANGE OF SKY DURING PAST HOUR

Code

- 00 Cloud development not observable
- 01 Clouds dissolving or becoming less developed
- 02 State of sky on the whole unchanged
- 03 Clouds generally forming or developing

04—09 SMOKE, HAZE, SAND OR DUST

- 04 Visibility reduced by smoke (not ship's smoke)
- 05 Dry Haze
- 06 Widespread dust suspended in air
- 07 Blowing spray at ship
- 08 Dust whirls in past hour (not for marine use)
- 09 Dust or sandstorm in sight, or at ship in past hour

10—12 MIST AND SHALLOW FOG

Code

- 10 Mist (visibility 1100 yds. or more)
 - 11 Shallow fog in patches
 - 12 Shallow fog—more or less continuous
- Fog not deeper than 33 ft.*

13—16 PHENOMENA WITHIN SIGHT
BUT NOT AT SHIP

- 13 Lightning visible, no thunder heard
- 14 Precipitation in sight, not reaching surface
- 15 Precip. beyond 3 naut. miles, reaching surface
- 16 Precip. within 3 naut. miles, reaching surface

Table 2 (cont'd.)

Code		Code		Code	
17-19 THUNDER, SQUALLS, FUNNEL CLOUDS		Sky Visible	Visibility less than 1100 yards of time of observation	Sky Invisible	
17	Thunder at time of obsn. — no precip. at ship	42	Fog, has become thinner in past hour	43	
18	Squalls (no precip.) in past hour or at time of obsn.	44	Fog, no change in past hour	45	
19	Funnel cloud(s) seen in past hour or at time of obsn.	46	Fog, has begun or thickened in past hour	47	
		48	Fog, depositing rime	49	
20-29 PHENOMENA IN PAST HOUR BUT NOT AT TIME OF OBSN.		50-99 PRECIPITATION AT SHIP AT TIME OF OBSERVATION			
20	Drizzle (not freezing) or snow grains	50-59 DRIZZLE			
21	Rain (not freezing)	Intermittent		Continuous	
22	Snow	50	Slight Drizzle	51	
23	Rain and snow, or ice pellets	52	Moderate Drizzle	53	
24	Freezing drizzle or freezing rain	54	Heavy Drizzle	55	
25	Shower(s) of rain	Slight		Moderate or Heavy	
26	Shower(s) of snow, or of rain and snow mixed	56	Freezing drizzle	57	
27	Shower(s) of hail*, or of rain and hail* mixed	58	Drizzle and rain mixed	59	
28	Fog (in past hour but not at time of observation)	60-69 RAIN (NOT FALLING AS SHOWERS)			
29	Thunderstorm, with or without precipitation	Intermittent		Continuous	
*Includes hail, ice pellets, or snow pellets		60	Slight rain	61	
30-39 (Not likely to be used in ship reports)		62	Moderate rain	63	
		64	Heavy rain	65	
		Slight		Moderate or Heavy	
		66	Freezing rain	67	
		68	Rain or drizzle with snow	69	
		70-79 SOLID PRECIPITATION NOT FALLING AS SHOWERS			
		Intermittent		Continuous	
		70	Slight snow in flakes	71	
		72	Moderate snow in flakes	73	
		74	Heavy snow in flakes	75	
		76	Ice prisms (with or without fog)		
		77	Snow grains (with or without fog)		
		78	Isolated starlike snow crystals (with or without fog)		
		79	Ice pellets		

Table 2 (cont'd.)

Code		Code	
	80–84 RAIN SHOWERS		91–94 THUNDERSTORM DURING THE PAST HOUR BUT NOT AT THE TIME OF OBSERVATION
80	Slight rain shower		
81	Moderate or heavy rain shower		
82	Violent rain shower		
83	Showers of rain and snow mixed, slight		
84	Showers of rain and snow mixed, moderate or heavy		
	85–90 SOLID PRECIPITATION IN SHOWERS		
Slight		Moderate or Heavy	
85	Shower of snow	86	
87	Shower of snow pellets or ice pellets*	88	
89	Shower of hail, no thunder	90	
	*With or without rain and/or snow		
			Note: Use 29 if there is no precip. at observation time
		91	Slight rain
		92	Moderate or heavy rain
		93	Slight snow, or rain and snow mixed, or hail*
		94	Moderate or heavy snow, or rain and snow mixed, or hail*
			<i>Thunderstorm in past hour but not now – precip. occurring at time of obsn.</i>
			*Includes hail, ice pellets or snow pellets
			95–99 THUNDERSTORM AT TIME OF OBSERVATION
		95	Slight or modt. thunderstorm with rain and/or snow, but no hail*
		96	Slight or modt. thunderstorm with hail*
		97	Heavy thunderstorm with rain and/or snow, no hail*
		98	Thunderstorm with dust or sandstorm
		99	Heavy thunderstorm with hail*
			*Includes hail, ice pellets or snow pellets

TABLE 3

CLOUD AMOUNT (N - Code)

Fraction of the sky covered by clouds

Code	Cloud Cover	Code	Cloud Cover
0	Cloudless	6	6/8
1	1/8 or less but not zero	7	7/8 or more but not 8/8
2	2/8	8	8/8, sky totally covered
3	3/8	9	Sky obscured by dense fog, heavy snow, etc., or amount cannot be estimated.
4	4/8		
5	5/8		

TABLE 4

COUNTRY CODES (abbreviated table)

Complete table see OCEANS IV Systems' Description.

06 Germany	46 Iceland
09 Australia	49 Japan
18 Canada	58 Norway
26 Denmark	64 Netherlands
31 United States	74 United Kingdom
35 France	90 Union of Soviet Socialist Republics

TABLE 5

INSTITUTE CODES

01 Marine Ecology Laboratory, Bedford Institute	14 Institute of Oceanography, Dalhousie University
02 Pacific Oceanographic Group	15 Marine Sciences Branch, Pacific Region
03 Biological Station, St. Andrews, N.B.	16 Department of Transport
04 Arctic Biological Station, Ste. Anne de Bellevue, P.Q.	17 Marine Sciences Centre, McGill University
05 Biological Station, St. John's Nfld.	18 Canadian Forces Maritime Command, East Coast
06 Station de Biologie Marine, Grande Rivière	19 Canadian Forces Maritime Command, West Coast
07 Marine Sciences Branch, Central Region	20 Ontario Water Resources Commission
08 Defence Research Establishment, Atlantic	21 Dept. of National Health and Welfare
09 Defence Research Establishment, Pacific	22 Inland Waters Branch, Dept. of Energy, Mines and Resources
10 Atlantic Oceanographic Laboratory, Bedford Institute	23 Arctic Institute of North America
11 Polar Continental Shelf Project	
12 Great Lakes Institute	
13 Institute of Oceanography, University of British Columbia	

TABLE 6
DOUBTFUL DATA MARKERS AND ERROR CODES

Code	Explanation
X	Considered doubtful by the data originator.
Y	Considered doubtful by CODC.
A I	Error estimates coded as shown below. The codes are used only as a measure of the spread between duplicate or multiplicate measurements at the same location and time.

Let P be the difference between two measurements. P is then coded in multiples of the last digit allowed for on the coding form as follows:

$P \leq 1$	Code A
$1 < P \leq 2$	Code B
$2 < P \leq 5$	Code C
$5 < P \leq 10$	Code D
$10 < P \leq 20$	Code E
$20 < P \leq 50$	Code F
$50 < P \leq 100$	Code G
$100 < P \leq 200$	Code H
$200 < P$	Code I

A temperature error $P=0.003^{\circ}\text{C}$ is coded as C, an error $P=0.02^{\circ}\text{C}$ as E, and a salinity error $P=0.08$ per mille as G, etc.

If the datum is based on a triple measurement, P is taken equal to the standard deviation:

$$P = \left\{ \frac{1}{2} \sum_{i=1}^3 (A_i - \bar{A})^2 \right\}^{1/2}$$

where A_i are the measurements and \bar{A} the mean value of the observed parameter.

- | | |
|---|---|
| W | Appears only with interpolated data, and indicates that linear interpolation has been used instead of hyperbolic. |
| P | This is not an error code; it indicates data sampled with an in-situ probe. |

TABLE 7

STANDARD LEVELS

0000	0200	1200	5500
0010	0225	1500	6000
0020	0250	2000	6500
0030	0300	2500	7000
0050	0400	3000	7500
0075	0500	3500	8000
0100	0600	4000	8500
0125	0700	4500	9000
0150	0800	5000	9500
0175	1000		

Note: The standard levels can refer to standard depths or to standard pressure levels as indicated on page 1.

SECTION III

Serial Oceanographic data

GENERAL INFORMATION ON THE CRUISE

CODC Cruise Identification (country, inst., crn.): 1810-68033
 Originating Institute: Atlantic Oceanographic Laboratory, Bedford Institute
 Originator's Cruise Number (if applicable): BI 3368
 Area: Gulf of St. Lawrence and Saguenay River
 Observation Platform: CSS DAWSON
 Period: 18 - 30 June 1968

PARAMETERS MEASURED

1	Temperature	9
2	Salinity	10
3	Oxygen	11
4		12
5		13
6		14
7		15
8		16

METHODS USED

Sea Surface Temperature

☐ Same as Subsurface

☒ Bucket

☐ Water Intake

☐ Tow Frame

Oxygen

☒ Winkler

☐ In Situ Probe

Sub Surface Temperature

☒ Reversing Thermometer

☐ Thermal Probe

Salinity

☐ Titration

☒ Conductance

☐ Inductance

☐ Refrac. Index

☐ In Situ Probe

☐ Hydrometer

Anemometer Height in M Above Sea Level: —

Sounding Corrections Applied

☐ Soundspeed of 1463 m/sec

☐ Soundspeed of 1500 m/sec

☐ Matthews Tables

☐ Measured or Calculated In Situ
Soundspeed Profile

Air Pressure

☐ Barometer Reading Uncorrected

☐ Corrected for Barometer Height

☐ Corrected For Bar. Height and
Outside Air Temperature

INTERPOLATION

Interpolation Technique

☐ Rattray

☒ Reiniger and Ross

Interpolation to "Standard" Levels of:

☐ Depth

☒ Pressure

CRUISE NUMBER 68033

STATION NUMBER 001

LAT	N47	5.70	YEAR	1968	WAVE-P/H	1201	WIND-DIR	110	WW	40	COUN	18
LONG	W 62	24.50	MONTH	6	SWEL-P/H	1402	WIND-SPD	04	CLD-A	9	INST	10
DEPTH		61.0	DAY	18	SWEL-D	070	AIR-TEM	10.5			RESTR	
MARSD SQ		151	H/M	1600	BARO	1010.0	WET-BLB	10.0			UNAS	96

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1600	0.0	0.0M	9.16 D	9.160	31.04 D	2402	2402	1482.2C	0	0	3900
1600	5.0	5.0M	9.16 D	9.159	31.05 D	2403	2403	1482.3C	19	0	3893
1600	9.9	10.0M	8.60 D	8.599	31.16 D	2420	2420	1480.4C	39	2	3731
1600	14.9	15.0M	6.60 D	6.599	31.27 D	2456	2456	1472.8C	56	4	3387
1600	19.8	20.0M	2.90 D	2.899	31.46 D	2510	2510	1457.7C	72	7	2876
1600	24.8	25.0M	-0.05 D	-0.050	31.84 D	2558	2558	1445.1C	85	10	2410
1600	29.8	30.0M	-0.80 D	-0.800	31.90 D	2566	2566	1441.8C	97	13	2337
1600	39.7	40.0M	-1.25 D	-1.250	31.99 D	2575	2575	1439.9C	120	21	2254
1600	49.6	50.0M	-1.27 D	-1.270	32.08 D	2582	2582	1440.1C	142	32	2184
1600	59.5	60.0M	-1.28 D	-1.280	32.12 D	2585	2585	1440.3C	164	44	2152

DEPTH	PRESS	OXY
0.0	0.0M	
5.0	5.0M	708
9.9	10.0M	703
14.9	15.0M	722
19.8	20.0M	769
24.8	25.0M	
29.8	30.0M	775
39.7	40.0M	641
49.6	50.0M	614
59.5	60.0M	

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.160	9.160	31.040	2402	2402	1482.2	0	0	3900
	9.9	10.0	8.600	8.599	31.160	2420	2420	1480.4	39	2	3731
	19.8	20.0	2.900	2.899	31.460	2510	2510	1457.7	72	7	2876
	29.8	30.0	-0.799	-0.799	31.900	2566	2566	1441.8	97	13	2337
	49.6	50.0	-1.269	-1.269	32.080	2582	2582	1440.1	142	32	2184

CRUISE NUMBER 68033

STATION NUMBER 001

DEPTH	PRESS	OXY
0.0	0.0	713
9.9	10.0	703
19.8	20.0	769
29.8	30.0	775
49.6	50.0	614

CRUISE NUMBER 68033 STATION NUMBER 002

LAT	N47	5.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	210	WW	43	COUN	18
LONG	W 62	39.20	MONTH	6	SWEL-P/H	1402	WIND-SPD	06	CLD-A	9	INST	10
DEPTH		62.0	DAY	18	SWEL-D	070	AIR-TEM	11.5			RESTR	
HARSD	50	151	H/M	1746	BARO	1009.0	WET-BLB	11.0			UNAS	9F

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1746	0.0	0.0M	10.15 D	10.150	29.95 D	2302	2302	1484.5C	0	0	4859
1746	5.0	5.0M	10.15 D	10.149	29.95 D	2302	2302	1484.6C	24	1	4859
1746	9.9	10.0M	10.00 D	9.999	29.98 D	2306	2306	1484.1C	49	2	4814
1746	14.9	15.0M	9.00 D	8.998	30.10 D	2331	2331	1480.6C	72	5	4578
1746	19.8	20.0M	5.00 D	4.999	31.18 D	2468	2468	1466.2C	92	9	3277
1746	24.8	25.0M	2.70 D	2.699	31.47 D	2512	2512	1456.9C	107	12	2853
1746	29.8	30.0M	0.68 D	0.679	31.65 D	2540	2540	1448.2C	121	16	2589
1746	39.7	40.0M	-0.90 D	-0.900	31.81 D	2559	2559	1441.3C	145	25	2402
1746	49.6	50.0M	-0.90 D	-0.900	31.91 D	2567	2567	1441.6C	169	36	2324
1746	59.5	60.0M	-1.20 D	-1.200	32.10 D	2583	2583	1440.7C	191	48	2169

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.150	10.150	29.950	2302	2302	1484.5	0	0	4859
	9.9	10.0	10.000	9.999	29.980	2306	2306	1484.1	49	2	4814
	19.8	20.0	5.000	4.999	31.180	2468	2468	1466.2	92	9	3277
	29.8	30.0	0.680	0.679	31.650	2540	2540	1448.2	121	16	2589
	49.6	50.0	-0.899	-0.899	31.910	2567	2567	1441.6	169	36	2324

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 003

LAT	N47	6.00	YEAR	1968	WAVE-P/H	1201	WIND-DIR	230	WW	43	COUN	13
LONG	W 62	54.00	MONTH	6	SWEL-P/H	1402	WIND-SPD	08	CLD-A	8	INST	10
DEPTH		54.0	DAY	18	SWEL-D	070	AIR-TEM	11.5			RESTR	
MARSD	50	151	H/M	1910	BARO	1008.7	WET-BLB	11.0			UNAS	9E

OBSERVED

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1910	0.0	0.0M	10.25 D	10.250	30.23 D	2322	2322	1485.2C	0	0	4667
1910	5.0	5.0M	10.25 D	10.249	30.26 D	2324	2324	1485.3C	23	1	4645
1910	9.9	10.0M	9.45 D	9.449	30.53 D	2358	2358	1482.8C	46	2	4322
1910	14.9	15.0M	9.00 D	8.998	30.62 D	2372	2372	1481.3C	67	5	4190
1910	19.8	20.0M	8.30 D	8.298	30.80 D	2396	2396	1478.9C	87	9	3958
1910	24.8	25.0M	4.30 D	4.298	31.25 D	2480	2480	1463.5C	105	13	3156
1910	29.8	30.0M	0.30 D	0.299	31.50 D	2529	2529	1446.3C	120	17	2685
1910	39.7	40.0M	-1.00 D	-1.000	31.69 D	2550	2550	1440.7C	145	26	2492
1910	49.6	50.0M	-1.18 D	-1.180	31.96 D	2572	2572	1440.4C	169	37	2279

DEPTH	PRESS	OXY
0.0	0.0M	
5.0	5.0M	678
9.9	10.0M	686
14.9	15.0M	707
19.8	20.0M	708
24.8	25.0M	
29.8	30.0M	783
39.7	40.0M	732
49.6	50.0M	662

INTERPOLATED

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.250	10.250	30.230	2322	2322	1485.2	0	0	4667
	9.9	10.0	9.450	9.449	30.530	2358	2358	1482.8	46	2	4322
	19.8	20.0	8.300	8.298	30.800	2396	2396	1478.9	87	9	3958
	29.8	30.0	0.300	0.299	31.500	2529	2529	1446.3	120	17	2685
	49.6	50.0	-1.179	-1.179	31.960	2572	2572	1440.4	169	37	2279

CRUISE NUMBER 68033

STATION NUMBER 003

DEPTH	PRESS	OXY
0.0	0.0	670W
1.0	10.0	686
19.8	20.0	708
29.8	30.0	783
49.6	50.0	662

CRUISE NUMBER 68033 STATION NUMBER 004

LAT	N47 15.80	YEAR	1968	WAVE-P/H	1200	WIND-DIR	240	WW	41	COUN	18
LONG	W 62 54.10	MONTH	6	SWEL-P/H		WIND-SPD	06	CLD-A	9	INST	10
DEPTH	57.0	DAY	18	SWEL-D		AIR-TEM	10.8			RESTR	
MARSD SQ	151	H/M	2028	BARO	1009.0	WET-BLB	10.4			UNAS	8E

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2028	0.0	0.0M	10.16 D	10.160	30.11 D	2314	2314	1484.7C	0	0	4741
2028	5.0	5.0M	10.12 D	10.119	30.12 D	2315	2315	1484.7C	24	1	4728
2028	9.9	10.0M	10.16 D	10.159	30.17 D	2319	2319	1485.0C	47	2	4698
2028	14.9	15.0M	8.60 D	8.598	30.35 D	2357	2357	1479.4C	70	5	4335
2028	19.8	20.0M	4.90 D	4.899	31.09 D	2461	2461	1465.7C	89	9	3334
2028	24.8	25.0M	4.92 D	4.918	31.36 D	2483	2483	1466.2C	105	12	3133
2028	29.8	30.0M	4.05 D	4.048	31.49 D	2502	2502	1462.8C	120	17	2952
2028	39.7	40.0M	-0.30 D	-0.300	31.77 D	2554	2554	1444.1C	147	26	2453
2028	49.6	50.0M	-0.49 D	-0.490	31.58 D	2539	2539	1443.1C	173	38	2591

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.160	10.160	30.110	2314	2314	1484.7	0	0	4741
	9.9	10.0	10.160	10.159	30.170	2319	2319	1485.0	47	2	4698
	19.8	20.0	4.900	4.899	31.090	2461	2461	1465.7	89	9	3334
	29.8	30.0	4.050	4.048	31.490	2502	2502	1462.8	120	17	2952
	49.6	50.0	-0.489	-0.489	31.580	2539	2539	1443.1	173	38	2591

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 005

LAT	N47 26.00	YEAR	1968	WAVE-P/H	1201	WIND-DIR	290	WW	41	COUN	18
LONG	W 62 54.10	MONTH	6	SWEL-P/H	1302	WIND-SPD	07	CLD-A	9	INST	10
DEPTH	50.5	DAY	18	SWEL-D	040	AIR-TEM	10.9			RESTR	
MARSD SQ	151	H/M	2151	BARO	1010.0	WET-BLB	9.9			UNAS	7E

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2151	0.0	0.0M	10.12 D	10.120	29.88 D	2297	2297	1484.3C	0	0	4906
2151	5.0	5.0M	10.12 D	10.119	29.88 D	2297	2297	1484.4C	25	1	4906
2151	9.9	10.0M	10.12 D	10.119	29.89 D	2297	2297	1484.5C	49	3	4900
2151	14.9	15.0M	9.95 D	9.948	29.95 D	2305	2305	1484.0C	74	6	4829
2151	19.8	20.0M	7.96 D	7.958	30.66 D	2390	2390	1477.5C	96	10	4017
2151	24.8	25.0M	5.10 D	5.098	31.05 D	2456	2456	1466.6C	114	14	3385
2151	29.8	30.0M	2.65 D	2.648	31.37 D	2504	2504	1456.6C	130	18	2925
2151	39.7	40.0M	0.12 D	0.119	31.70 D	2546	2546	1445.9C	157	28	2524
2151	49.6	50.0M	0.09 D	0.088	31.92 D	2564	2564	1446.2C	181	39	2354

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.120	10.120	29.880	2297	2297	1484.3	0	0	4906
	9.9	10.0	10.120	10.119	29.890	2297	2297	1484.5	49	3	4900
	19.8	20.0	7.960	7.958	30.660	2390	2390	1477.5	96	10	4017
	29.8	30.0	2.650	2.648	31.370	2504	2504	1456.6	130	18	2925
	49.6	50.0	0.090	0.088	31.920	2564	2564	1446.2	181	39	2354

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 006

LAT	N47 25.80	YEAR	1968	WAVE-P/H	1302	WIND-DIR	290	WW	41	COUN	18
LONG	W 63 8.90	MONTH	6	SWEL-P/H	1104	WIND-SPD	07	CLD-A	9	INST	10
DEPTH	72.0	DAY	18	SWEL-D	290	AIR-TEM	10.9			RESTR	
MARSD	SQ 151	H/M	2342	BARO	1010.0	WET-BLB	9.9			UNAS	7D

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2342	0.0	0.0M	9.60 D	9.600	30.31 D	2338	2338	1482.9C	0	0	4508
2342	5.0	5.0M	9.56 D	9.559	30.32 D	2340	2340	1482.9C	23	1	4494
2342	9.9	10.0M	9.51 D	9.509	30.36 D	2344	2344	1482.8C	45	2	4458
2342	14.9	15.0M	7.33 D	7.329	30.93 D	2420	2420	1475.3C	66	5	3732
2342	19.8	20.0M	5.21 D	5.208	31.30 D	2475	2475	1467.3C	83	8	3208
2342	24.8	25.0M	1.20 D	1.199	31.45 D	2521	2521	1450.2C	98	11	2769
2342	29.8	30.0M	-0.50 D	-0.500	31.62 D	2542	2542	1442.8C	111	15	2562
2342	39.7	40.0M	-0.90 D	-0.900	31.75 D	2554	2554	1441.2C	136	24	2448
2342	49.6	50.0M	-1.08 D	-1.080	31.79 D	2558	2558	1440.6C	160	35	2412
2342	59.5	60.0M	-1.27 D	-1.270	31.97 D	2573	2573	1440.1C	184	48	2268
2342	64.5	65.0M	-1.29 D	-1.290	32.20 D	2592	2592	1440.5C	195	55	2090

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.600	9.600	30.310	2338	2338	1482.9	0	0	4508
	9.9	10.0	9.510	9.509	30.360	2344	2344	1482.8	45	2	4458
	19.8	20.0	5.210	5.208	31.300	2475	2475	1467.3	83	8	3208
	29.8	30.0	-0.499	-0.499	31.620	2542	2542	1442.8	111	15	2562
	49.6	50.0	-1.079	-1.079	31.790	2558	2558	1440.6	160	35	2412

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 007

LAT	N47 15.80	YEAR	1968	WAVE-P/H	1302	WIND-DIR	280	WW	21	COUN	18
LONG	W 63 8.90	MONTH	6	SWEL-P/H	14	WIND-SPD	09	CLD-A	9	INST	10
DEPTH	57.0	DAY	19	SWEL-D	290	AIR-TEM	9.5			RESTR	
MARSD	SQ 151	H/M	0035	BARO	1012.5	WET-BLB	9.3			UNAS	80

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0035	0.0	0.0M	9.96 D	9.960	30.32 D	2333	2333	1484.3C	0	0	4554
0035	5.0	5.0M	9.91 D	9.909	30.32 D	2334	2334	1484.2C	23	1	4547
0035	9.9	10.0M	9.77 D	9.769	30.37 D	2340	2340	1483.8C	45	2	4490
0035	14.9	15.0M	9.00 D	8.998	30.52 D	2364	2364	1481.2C	67	5	4265
0035	19.8	20.0M	3.50 D	3.499	31.22 D	2485	2485	1460.0C	86	8	3106
0035	24.8	25.0M	-0.40 D	-0.400	31.62 D	2542	2542	1443.2C	100	12	2565
0035	29.8	30.0M	-0.93 D	-0.930	31.82 D	2560	2560	1441.0C	112	15	2394
0035	39.7	40.0M	-1.05 D	-1.050	31.77 D	2556	2556	1440.6C	136	24	2428
0035	49.6	50.0M	-1.00 D	-1.000	31.81 D	2559	2559	1441.0C	160	35	2398

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.960	9.960	30.320	2333	2333	1484.3	0	0	4554
	9.9	10.0	9.770	9.769	30.370	2340	2340	1483.8	45	2	4490
	19.8	20.0	3.500	3.499	31.220	2485	2485	1460.0	86	8	3106
	29.8	30.0	-0.929	-0.929	31.820	2560	2560	1441.0	112	15	2394
	49.6	50.0	-0.999	-0.999	31.810	2559	2559	1441.0	160	35	2398

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 008

LAT	N47	5.80	YEAR	1968	WAVE-P/H	1302	WIND-DIR	280	WW	01	COUN	18
LONG	W 63	8.90	MONTH	6	SWEL-P/H	14	WIND-SPD	09	CLD-A	7	INST	10
DEPTH		62.0	DAY	19	SWEL-D	290	AIR-TEM	9.5			RESTR	
MARSD	50	151	H/M	0125	BARO	1013.0	WET-BLB	9.3			UNAS	90

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0125	0.0	0.0M	9.80 D	9.800	30.14 D	2322	2322	1483.4C	0	0	4664
0125	5.0	5.0M	9.75 D	9.749	30.19 D	2327	2327	1483.4C	23	1	4619
0125	9.9	10.0M	9.10 D	9.099	30.32 D	2347	2347	1481.2C	46	2	4428
0125	14.9	15.0M	4.40 D	4.399	30.75 D	2440	2440	1463.1C	66	5	3541
0125	19.8	20.0M	1.15 D	1.149	31.18 D	2499	2499	1449.6C	82	8	2972
0125	24.8	25.0M	0.22 D	0.219	31.25 D	2510	2510	1445.5C	97	11	2873
0125	29.8	30.0M	-0.08 D	-0.080	31.41 D	2524	2524	1444.4C	111	15	2738
0125	39.7	40.0M	-0.87 D	-0.870	31.69 D	2549	2549	1441.3C	137	24	2495
0125	49.6	50.0M	-1.15 D	-1.150	31.70 D	2551	2551	1440.2C	162	36	2479
0125	59.5	60.0M	-1.15 D	-1.150	31.77 D	2557	2557	1440.4C	186	49	2425

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.800	9.800	30.140	2322	2322	1483.4	0	0	4664
	9.9	10.0	9.100	9.099	30.320	2347	2347	1481.2	46	2	4428
	19.8	20.0	1.150	1.149	31.180	2499	2499	1449.6	82	8	2972
	29.8	30.0	-0.079	-0.079	31.410	2524	2524	1444.4	111	15	2738
	49.6	50.0	-1.149	-1.149	31.700	2551	2551	1440.2	162	36	2479

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 009

LAT	N47	5.80	YEAR	1968	WAVE-P/H	1302	WIND-DIR	280	WW	02	COUN	18
LONG W	63	23.80	MONTH	6	SWEL-P/H	14	WIND-SPD	10	CLD-A	7	INST	10
DEPTH		55.0	DAY	19	SWEL-D	290	AIR-TEM	9.6			RESTR	
MARSD SQ		151	H/M	0230	BARO	1013.0	WET-BLB	9.4			UNAS	9C

OBSERVED

ST	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0099	0.0	0.0M	9.90 D	9.900	29.98 D	2308	2308	1483.6C	0	0	4799
0099	5.0	5.0M	9.89 D	9.889	29.99 D	2309	2309	1483.7C	24	1	4789
0099	9.9	10.0M	9.35 D	9.349	30.16 D	2331	2331	1482.0C	48	2	4582
0099	14.9	15.0M	6.85 D	6.849	30.96 D	2428	2428	1473.4C	68	5	3649
0099	19.8	20.0M	3.00 D	2.999	30.99 D	2471	2471	1457.5C	85	8	3240
0099	24.8	25.0M	0.70 D	0.699	31.22 D	2505	2505	1447.7C	101	12	2917
0099	29.8	30.0M	-0.30 D	-0.300	31.50 D	2532	2532	1443.5C	115	15	2661
0099	34.7	40.0M	-0.53 D	-0.530	31.44 D	2528	2528	1442.5C	141	25	2698
0099	49.6	50.0M	-0.71 D	-0.710	31.48 D	2532	2532	1441.9C	168	37	2661

ST	PRESS	OPY
0099	0.0M	
0099	5.0M	688
0099	10.0M	705
0099	15.0M	758
0099	20.0M	804
0099	25.0M	
0099	30.0M	746
0099	40.0M	735
0099	50.0M	713

INTERPOLATED

ST	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.900	9.900	29.980	2308	2308	1483.6	0	0	4799
	9.9	10.0	9.350	9.349	30.160	2331	2331	1482.0	48	2	4582
	19.8	20.0	3.000	2.999	30.990	2471	2471	1457.5	85	8	3240
	29.8	30.0	-0.299	-0.299	31.500	2532	2532	1443.5	115	15	2661
	49.6	50.0	-0.709	-0.709	31.480	2532	2532	1441.9	168	37	2661

CRUISE NUMBER 68033

STATION NUMBER 009

DEPTH	WINDS	XY
0.0	0.0	671W
9.9	10.0	705
19.8	20.0	704
29.8	30.0	746
39.8	40.0	713

CRUISE NUMBER 68033

STATION NUMBER 010

LAT	N47	5.80	YEAR	1968	WAVE-P/H	1404	WIND-DIR	270	WW	02	COUN	18
LONG	W 63	38.50	MONTH	6	SWEL-P/H		WIND-SPD	01	CLD-A	7	INST	10
DEPTH		49.0	DAY	19	SWEL-D		AIR-TEM	10.0			RESTR	
MARSD	SQ	151	H/M	0403	BARO	1013.5	WET-BLB	9.5			UNAS	9B

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0403	0.0	0.0M	10.35 D	10.350	29.49 D	2263	2263	1484.6C	0	0	5232
0403	5.0	5.0M	10.35 D	10.349	29.50 D	2263	2263	1484.7C	26	1	5224
0403	9.9	10.0M	10.32 D	10.319	29.51 D	2265	2265	1484.7C	52	3	5212
0403	14.9	15.0M	8.76 D	8.758	30.19 D	2342	2342	1479.8C	77	6	4476
0403	19.8	20.0M	4.00 D	3.999	30.87 D	2453	2453	1461.6C	96	9	3414
0403	24.8	25.0M	1.10 D	1.099	31.12 D	2495	2495	1449.3C	112	13	3015
0403	29.8	30.0M	0.45 D	0.449	31.23 D	2507	2507	1446.6C	127	17	2898
0403	39.7	40.0M	-0.64 D	-0.640	31.59 D	2540	2540	1442.2C	154	27	2579

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.350	10.350	29.490	2263	2263	1484.6	0	0	5232
	9.9	10.0	10.320	10.319	29.510	2265	2265	1484.7	52	3	5212
	19.8	20.0	4.000	3.999	30.870	2453	2453	1461.6	96	9	3414
	29.8	30.0	0.450	0.449	31.230	2507	2507	1446.6	127	17	2898

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 011

LAT	N47	5.80	YEAR	1968	WAVE-P/H	1404	WIND-DIR	270	WW	02	COUN	18
LONG	W 63	53.50	MONTH	6	SWEL-P/H		WIND-SPD	01	CLD-A	7	INST	10
DEPTH		26.0	DAY	19	SWEL-D		AIR-TEM	11.3			RESTR	
MARSD	SO	151	H/M	0513	BARO	1014.0	WET-BLB	9.8			UNAS	9A

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0513	0.0	0.0M	9.97 D	9.970	29.49 D	2269	2269	1483.2C	0	0	5173
0513	5.0	5.0M	9.97 D	9.969	29.49 D	2269	2269	1483.3C	26	1	5173
0513	9.9	10.0M	9.91 D	9.909	29.49 D	2270	2270	1483.2C	52	3	5165
0513	14.9	15.0M	9.50 D	9.498	29.52 D	2278	2279	1481.8C	77	6	5082
0513	19.8	20.0M	9.25 D	9.248	29.55 D	2285	2285	1481.0C	103	10	5023
0513	21.8	22.0M	9.00 D	8.998	29.60 D	2292	2292	1480.1C	113	13	4951
0513	23.8	24.0M									

DEPTH	PRESS	OXY
0.0	0.0M	
5.0	5.0M	684
9.9	10.0M	685
14.9	15.0M	685
19.8	20.0M	684
21.8	22.0M	
23.8	24.0M	683

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.97	9.970	29.490	2269	2269	1483.2	0	0	5173
	9.9	10.0	9.910	9.909	29.490	2270	2270	1483.2	52	3	5165
	19.8	20.0	9.251	9.248	29.550	2285	2285	1481.0	103	10	5023

DEPTH	PRESS	OXY
0.0	0.0	683W
9.9	10.0	685
19.8	20.0	684

CRUISE NUMBER 68033

STATION NUMBER 012

LAT	N47 15.80	YEAR	1968	WAVE-P/H	1404	WIND-DIR	270	WW	02	COUN	18
LONG	W 63 53.50	MONTH	6	SWEL-P/H		WIND-SPD	01	CLD-A	7	INST	10
DEPTH	37.0	DAY	19	SWEL-D		AIR-TEM	10.5			RESTR	
MARSD	SQ 151	H/M	0657	HARD	1015.0	WET-BLB	9.5			UNAS	8A

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0657	0.0	0.0M	9.85 D	9.850	29.65 D	2283	2283	1483.0C	0	0	5036
0657	5.0	5.0M	9.85 D	9.849	29.65 D	2283	2283	1483.1C	25	1	5035
0657	9.9	10.0M	9.41 D	9.409	29.71 D	2295	2295	1481.6C	50	3	4926
0657	14.9	15.0M	8.80 D	8.798	29.77 D	2308	2309	1479.5C	74	6	4794
0657	19.8	20.0M	2.10 D	2.099	30.85 D	2467	2467	1453.4C	95	9	3280
0657	24.8	25.0M	1.90 D	1.899	30.73 D	2459	2459	1452.4C	111	13	3359
0657	29.8	30.0M	1.90 D	1.899	30.78 D	2463	2463	1452.5C	128	18	3321

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.850	9.850	29.650	2283	2283	1483.0	0	0	5036
	9.9	10.0	9.410	9.409	29.710	2295	2295	1481.6	50	3	4926
	19.8	20.0	2.100	2.099	30.850	2467	2467	1453.4	95	9	3280
	29.8	30.0	1.900	1.899	30.780	2463	2463	1452.5	128	18	3321

DEPTH	PRESS	UXY
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CRUISE NUMBER 68033 STATION NUMBER 013

LAT	N47 15.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	260	WW	02	COUN	18
LONG	W 63 38.60	MONTH	6	SWEL-P/H	1305	WIND-SPD	07	CLD-A	2	INST	10
DEPTH	64.0	DAY	19	SWEL-D	290	AIR-TEM	10.2			RESTR	
MARSD SQ	151	H/M	0810	BARO	1015.8	WET-BLB	9.7			UNAS	88

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0810	0.0	0.0M	9.75 D	9.750	29.35 D	2261	2261	1482.3C	0	0	5243
0810	5.0	5.0M	9.73 D	9.729	29.35 D	2262	2262	1482.3C	26	1	5241
0810	9.9	10.0M	9.73 D	9.729	29.36 D	2262	2262	1482.4C	52	3	5234
0810	14.9	15.0M	9.70 D	9.698	29.36 D	2263	2263	1482.3C	79	6	5230
0810	19.8	20.0M	9.00 D	8.998	29.43 D	2279	2279	1479.9C	105	11	5077
0810	24.8	25.0M	6.50 D	6.498	30.78 D	2419	2419	1471.9C	127	16	3743
0810	29.8	30.0M	3.75 D	3.748	30.92 D	2459	2459	1460.8C	144	21	3355
0810	39.7	40.0M	0.80 D	0.799	31.24 D	2506	2506	1448.4C	175	32	2907
0810	49.6	50.0M	-0.37 D	-0.370	31.43 D	2527	2527	1443.4C	203	44	2710
0810	59.5	60.0M	-0.96 D	-0.960	31.73 D	2553	2553	1441.3C	229	59	2460

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.750	9.750	29.350	2261	2261	1482.3	0	0	5243
	9.9	10.0	9.730	9.729	29.360	2262	2262	1482.4	52	3	5234
	19.8	20.0	9.000	8.998	29.430	2279	2279	1479.9	105	11	5077
	29.8	30.0	3.750	3.748	30.920	2459	2459	1460.8	144	21	3355
	49.6	50.0	-0.369	-0.369	31.430	2527	2527	1443.4	203	44	2710

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 014

LAT	N47 15.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	250	WW	02	COUN	18
LONG	W 63 23.80	MONTH	6	SWEL-P/H	1304	WIND-SPD	07	CLD-A	2	INST	10
DEPTH	56.0	DAY	19	SWEL-D	290	AIR-TEM	10.2			RESTR	
MARSD	50 151	H/M	0912	BARO	1015.2	WET-BLB	9.7			UNAS	8C

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0912	0.0	0.0M	9.80 D	9.800	29.35 D	2261	2261	1482.4C	0	0	5252
0912	5.0	5.0M	9.80 D	9.799	29.36 D	2261	2261	1482.5C	26	1	5243
0912	9.9	10.0M	9.72 D	9.719	29.41 D	2267	2267	1482.4C	52	3	5195
0912	14.9	15.0M	7.37 D	7.369	30.78 D	2408	2408	1475.2C	75	6	3849
0912	19.8	20.0M	7.00 D	6.998	31.15 D	2441	2441	1474.3C	93	9	3526
0912	24.8	25.0M	4.10 D	4.098	31.33 D	2489	2489	1462.8C	110	13	3077
0912	29.8	30.0M	2.83 D	2.828	31.37 D	2503	2503	1457.4C	125	17	2939
0912	39.7	40.0M	-0.98 D	-0.980	31.68 D	2549	2549	1440.8C	152	26	2500
0912	49.6	50.0M	-1.21 D	-1.210	31.90 D	2567	2567	1440.2C	176	37	2324

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.800	9.800	29.350	2261	2261	1482.4	0	0	5252
	9.9	10.0	9.720	9.719	29.410	2267	2267	1482.4	52	3	5195
	19.8	20.0	7.000	6.998	31.150	2441	2441	1474.3	93	9	3526
	29.8	30.0	2.830	2.828	31.370	2503	2503	1457.4	125	17	2939
	49.6	50.0	-1.209	-1.209	31.900	2567	2567	1440.2	176	37	2324

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 015

LAT	N47 15.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	250	WW	02	COUN	18
LONG	W 63 8.90	MONTH	6	SWEL-P/H	1304	WIND-SPD	08	CLO-A	5	INST	10
DEPTH	66.0	DAY	19	SWEL-D	290	AIR-TEM	11.7			RESTR	
MARSD	50 151	H/M	1017	BARO	1014.7	WET-BLB	9.9			UNAS	80

OBSERVED

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEUA	CHI	SVA
1017	0.0	0.0M	9.25 D	9.250	30.39 D	2350	2350	1481.7C	0	0	4396
1017	5.0	5.0M	9.24 D	9.239	30.39 D	2350	2350	1481.8C	22	1	4395
1017	10.0	10.0M	9.22 D	9.219	30.36 D	2348	2348	1481.7C	44	2	4415
1017	14.9	15.0M	9.04 D	9.038	30.40 D	2354	2354	1481.2C	66	5	4360
1017	19.8	20.0M	4.10 D	4.099	30.94 D	2458	2458	1462.1C	85	8	3370
1017	24.8	25.0M	1.04 D	1.039	31.21 D	2502	2502	1449.2C	101	12	2943
1017	29.8	30.0M	0.04 D	0.039	31.36 D	2519	2519	1444.9C	115	16	2781
1017	39.7	40.0M	-0.82 D	-0.820	31.63 D	2544	2544	1441.5C	142	25	2543
1017	49.6	50.0M	-1.09 D	-1.090	31.69 D	2550	2550	1440.4C	167	37	2488
1017	59.5	60.0M	-1.25 D	-1.250	31.93 D	2570	2570	1440.2C	191	50	2299

INTERPOLATED

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEUA	CHI	SVA
	0.0	0.0	9.250	9.250	30.390	2350	2350	1481.7	0	0	4396
	10.0	10.0	9.220	9.219	30.360	2348	2348	1481.7	44	2	4415
	19.8	20.0	4.100	4.099	30.940	2458	2458	1462.1	85	8	3370
	29.8	30.0	0.040	0.039	31.360	2519	2519	1444.9	115	16	2781
	49.6	50.0	-1.089	-1.089	31.690	2550	2550	1440.4	167	37	2488

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 016

LAT	47 15.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	250	WW	02	CUUN	18
LONG	W 62 54.10	MONTH	6	SWEL-P/H	1304	WIND-SPD	08	CLD-A	5	INST	10
DEPTH	55.0	DAY	19	SWEL-D	290	AIR-TEM	11.7			RESTR	
MARSD	SQ 151	H/M	1112	BARO	1014.7	WET-BLB	9.9			UMAS	8E

OBSERVED

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1112	0.0	0.0M	9.89 D	9.890	29.85 D	2298	2298	1483.4C	0	0	4893
1112	5.0	5.0M	9.88 D	9.879	29.85 D	2298	2298	1483.5C	24	1	4891
1112	9.9	10.0M	9.87 D	9.869	29.86 D	2299	2299	1483.5C	49	2	4883
1112	14.9	15.0M	9.82 D	9.818	29.87 D	2301	2301	1483.4C	73	6	4869
1112	19.8	20.0M	4.60 D	4.599	31.05 D	2461	2461	1464.4C	94	9	3335
1112	24.8	25.0M	1.85 D	1.849	31.34 D	2508	2508	1453.0C	109	13	2892
1112	29.8	30.0M	-0.34 D	-0.340	31.48 D	2531	2531	1443.3C	123	17	2674
1112	39.7	40.0M	-0.84 D	-0.840	31.67 D	2548	2548	1441.4C	149	26	2511
1112	49.6	50.0M	-0.80 D	-0.800	31.76 D	2555	2555	1441.9C	174	37	2443

INTERPOLATED

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.890	9.890	29.850	2298	2298	1483.4	0	0	4893
	9.9	10.0	9.870	9.869	29.860	2299	2299	1483.5	49	2	4883
	19.8	20.0	4.600	4.599	31.050	2461	2461	1464.4	94	9	3335
	29.8	30.0	-0.339	-0.339	31.480	2531	2531	1443.3	123	17	2674
	49.6	50.0	-0.799	-0.799	31.760	2555	2555	1441.9	174	37	2443

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 017

LAT	N47 15.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	250	WW	01	COUN	18
LONG	W 62 38.50	MONTH	6	SWEL-P/H	1305	WIND-SPD	08	CLD-A	2	INST	10
DEPTH	30.0	DAY	19	SWEL-D	280	AIR-TEM	12.1			RESTR	
MARSD SQ	151	H/M	1210	BARO	1014.2	WET-BLB	10.5			UNAS	8F

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1210	0.0	0.0M	9.73 D	9.730	30.72 D	2368	2368	1483.9C	0	0	4223
1210	5.0	5.0M	9.71 D	9.709	30.72 D	2369	2369	1483.9C	21	1	4219
1210	9.9	10.0M	9.31 D	9.309	31.00 D	2397	2397	1482.9C	42	2	3953
1210	14.9	15.0M	9.11 D	9.108	31.12 D	2409	2409	1482.4C	61	5	3834
1210	19.8	20.0M	8.32 D	8.318	31.12 D	2421	2421	1479.4C	80	8	3723
1210	24.8	25.0M	6.30 D	6.298	31.37 D	2468	2468	1471.9C	98	12	3278
1210	29.8	30.0M	1.80 D	1.799	31.59 D	2528	2528	1453.2C	112	16	2699

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.730	9.730	30.720	2368	2368	1483.9	0	0	4223
	9.9	10.0	9.310	9.309	31.000	2397	2397	1482.9	42	2	3953
	19.8	20.0	8.320	8.318	31.120	2421	2421	1479.4	80	8	3723
	29.8	30.0	1.800	1.799	31.590	2528	2528	1453.2	112	16	2699

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 018

LAT	N47 15.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	250	WW	92	COUM	18
LONG	W 62 24.40	MONTH	6	SWEL-P/H	1305	WIND-SPD	08	CLD-A	2	INST	10
DEPTH	53.0	DAY	19	SWEL-D	280	AIR-TEM	12.1			RESTR	
MARSD SQ	151	H/M	1330	BARO	1014.2	WET-BLB	10.5			UNAS	86

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SYA
1330	0.0	0.0M	9.00 D	9.000	31.06 D	2406	2406	1481.6C	0	0	3862
1330	5.0	5.0M	8.95 D	8.949	31.06 D	2407	2407	1481.5C	19	0	3855
1330	9.9	10.0M	8.90 D	8.899	31.07 D	2408	2408	1481.4C	39	2	3841
1330	14.9	15.0M	8.75 D	8.748	31.05 D	2409	2409	1480.9C	53	4	3834
1330	19.8	20.0M	7.10 D	7.098	31.30 D	2452	2452	1474.9C	76	8	3427
1330	24.8	25.0M	2.00 D	1.999	31.61 D	2528	2528	1454.0C	91	11	2697
1330	29.8	30.0M	0.80 D	0.799	31.65 D	2539	2539	1448.8C	104	15	2594
1330	39.7	40.0M	-0.75 D	-0.750	31.87 D	2563	2563	1442.1C	129	24	2361
1330	49.6	50.0M	-1.12 D	-1.120	32.04 D	2578	2578	1440.8C	152	34	2219

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SYA
	0.0	0.0	9.000	9.000	31.060	2406	2406	1481.6	0	0	3862
	9.9	10.0	8.900	8.899	31.070	2408	2408	1481.4	39	2	3841
	19.8	20.0	7.100	7.098	31.300	2452	2452	1474.9	76	8	3427
	29.8	30.0	0.800	0.799	31.650	2539	2539	1448.8	104	15	2594
	49.6	50.0	-1.119	-1.119	32.040	2578	2578	1440.8	152	34	2219

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 019

LAT	N47 25.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	240	WW	02	COUN	18
LONG	W 62 24.40	MONTH	6	SWEL-P/H	1306	WIND-SPD	07	CLD-A	2	INST	10
DEPTH	55.0	DAY	19	SWEL-D	280	AIR-TEM	12.1			RESTR	
MARSD	SQ 151	H/M	1425	BARO	1013.9	WET-BLB	10.5			UNAS	76

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1425	0.0	0.0M	9.32 D	9.320	30.72 D	2375	2375	1482.4C	0	0	4161
1425	5.0	5.0M	9.32 D	9.319	30.72 D	2375	2375	1482.5C	21	1	4161
1425	9.9	10.0M	9.29 D	9.289	30.68 D	2372	2372	1482.4C	42	2	4187
1425	14.9	15.0M	9.20 D	9.198	30.72 D	2377	2377	1482.2C	63	5	4146
1425	19.8	20.0M	8.42 D	8.418	31.01 D	2411	2411	1479.7C	83	8	3819
1425	24.8	25.0M	5.40 D	5.398	31.33 D	2475	2475	1468.2C	100	12	3206
1425	29.8	30.0M	1.40 D	1.399	31.58 D	2530	2530	1451.4C	115	16	2682
1425	39.7	40.0M	-0.28 D	-0.280	31.79 D	2555	2555	1444.2C	140	25	2438
1425	49.6	50.0M	-0.65 D	-0.650	31.81 D	2558	2558	1442.7C	164	37	2409

DEPTH	PRESS	OXY
0.0	0.0M	
5.0	5.0M	684
9.9	10.0M	684
14.9	15.0M	684
19.8	20.0M	703
24.8	25.0M	
29.8	30.0M	915
39.7	40.0M	723
49.6	50.0M	662

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.320	9.320	30.720	2375	2375	1482.4	0	0	4161
	9.9	10.0	9.290	9.289	30.680	2372	2372	1482.4	42	2	4187
	19.8	20.0	8.420	8.418	31.010	2411	2411	1479.7	83	8	3819
	29.8	30.0	1.400	1.399	31.580	2530	2530	1451.4	115	16	2682
	49.6	50.0	-0.649	-0.649	31.810	2558	2558	1442.7	164	37	2409

CRUISE NUMBER 68033

STATION NUMBER 019

DEPTH	PRESS	OXY
0.0	0.0	684W
9.9	10.0	684
19.8	20.0	703
29.8	30.0	915
49.6	50.0	662

CRUISE NUMBER 68033

STATION NUMBER 020

LAT	N47 25.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	240	WW	02	COUN	18
LONG	W 62 39.20	MONTH	6	SWEL-P/H	1305	WIND-SPD	05	CLD-A	2	INST	10
DEPTH	60.0	DAY	19	SWEL-D	250	AIR-TEM	12.5			RESTR	
MARSD SQ	151	H/M	1555	BARO	1013.6	WET-BLB	11.2			UNAS	7F

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1555	0.0	0.0M	9.57 D	9.570	30.82 D	2379	2379	1483.5C	0	0	4124
1555	5.0	5.0M	9.54 D	9.539	30.82 D	2379	2379	1483.4C	21	1	4119
1555	9.9	10.0M	9.33 D	9.329	30.83 D	2383	2383	1482.7C	41	2	4082
1555	14.9	15.0M	9.21 D	9.208	30.81 D	2383	2383	1482.3C	62	5	4080
1555	19.8	20.0M	5.00 D	4.999	31.38 D	2483	2483	1466.5C	80	8	3127
1555	24.8	25.0M	1.90 D	1.899	31.48 D	2519	2519	1453.4C	94	11	2789
1555	29.8	30.0M	0.45 D	0.449	31.63 D	2539	2539	1447.2C	108	15	2592
1555	39.7	40.0M	-0.96 D	-0.960	31.78 D	2557	2557	1441.0C	133	24	2424
1555	49.6	50.0M	-1.14 D	-1.140	31.90 D	2567	2567	1440.5C	156	35	2326
1555	59.5	60.0M	-1.02 D	-1.020	32.17 D	2598	2588	1441.6C	179	47	2121

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.570	9.570	30.820	2379	2379	1483.5	0	0	4124
	9.9	10.0	9.330	9.329	30.830	2383	2383	1482.7	41	2	4082
	19.8	20.0	5.000	4.999	31.380	2483	2483	1466.5	80	8	3127
	29.8	30.0	0.450	0.449	31.630	2539	2539	1447.2	108	15	2592
	49.6	50.0	-1.139	-1.139	31.900	2567	2567	1440.5	156	35	2326

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 021

LAT	N47 26.50	YEAR	1968	WAVE-P/H	1200	WIND-DIR	240	WW	02	COUN	18
LONG	W 62 54.00	MONTH	6	SWEL-P/H	1304	WIND-SPD	05	CLD-A	2	INST	10
DEPTH	48.0	DAY	19	SWEL-D	250	AIR-TEM	12.0			RESTR	
MARSD SQ	151	H/M	1801	BARO	1013.8	WET-BLB	11.8			UNAS	7E

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1801	0.0	0.0M	10.08 D	10.080	29.80 D	2291	2291	1484.0C	0	0	4959
1801	5.0	5.0M	9.99 D	9.989	29.81 D	2293	2293	1483.8C	25	1	4938
1801	9.9	10.0M	9.86 D	9.859	29.82 D	2296	2296	1483.4C	49	3	4911
1801	14.9	15.0M	9.06 D	9.058	30.20 D	2338	2338	1481.0C	73	6	4511
1801	19.8	20.0M	4.70 D	4.699	31.16 D	2469	2469	1465.0C	93	9	3262
1801	24.8	25.0M	3.40 D	3.399	31.28 D	2491	2491	1459.7C	108	13	3053
1801	29.8	30.0M	0.18 D	0.179	31.53 D	2532	2532	1445.8C	123	17	2656
1801	39.7	40.0M	0.13 D	0.129	31.51 D	2531	2531	1445.7C	149	26	2670
1801	44.7	45.0M	0.14 D	0.139	31.51 D	2531	2531	1445.8C	162	32	2669

DEPTH	PRESS	OXY
0.0	0.0M	
5.0	5.0M	678
9.9	10.0M	683
14.9	15.0M	683
19.8	20.0M	789
24.8	25.0M	
29.8	30.0M	751
39.7	40.0M	748
44.7	45.0M	744

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.080	10.080	29.800	2291	2291	1484.0	0	0	4959
	9.9	10.0	9.860	9.859	29.820	2296	2296	1483.4	49	3	4911
	19.8	20.0	4.700	4.699	31.160	2469	2469	1465.0	93	9	3262
	29.8	30.0	0.180	0.179	31.530	2532	2532	1445.8	123	17	2656

DEPTH	PRESS	OXY
0.0	0.0	673W
9.9	10.0	683
19.8	20.0	789
29.8	30.0	751

CRUISE NUMBER 68033

STATION NUMBER 022

LAT	N47 25.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	180	WW	02	COUN	18
LONG	W 63 8.90	MONTH	6	SWEL-P/H	1202	WIND-SPD	05	CLD-A	2	INST	10
DEPTH	66.0	DAY	19	SWEL-D	180	AIR-TEM	14.0			RESTR	
MARSD	50 151	H/M	1940	BARO	1013.5	WET-BLB	12.5			UNAS	70

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1940	0.0	0.0M	9.72 D	9.720	30.42 D	2345	2345	1483.5C	0	0	4444
1940	5.0	5.0M	9.67 D	9.669	30.42 D	2346	2346	1483.4C	22	1	4436
1940	9.9	10.0M	9.60 D	9.599	30.41 D	2346	2346	1483.2C	44	2	4434
1940	14.9	15.0M	9.50 D	9.498	30.41 D	2348	2348	1482.9C	67	5	4420
1940	19.8	20.0M	4.60 D	4.599	31.05 D	2461	2461	1464.4C	86	9	3335
1940	24.8	25.0M	1.00 D	0.999	31.22 D	2503	2503	1449.0C	102	12	2933
1940	29.8	30.0M	-0.04 D	-0.040	31.38 D	2521	2521	1444.6C	116	16	2762
1940	39.7	40.0M	-0.93 D	-0.930	31.58 D	2541	2541	1440.9C	142	26	2578
1940	49.6	50.0M	-1.26 D	-1.260	31.81 D	2560	2560	1439.8C	167	37	2392
1940	59.5	60.0M	-1.28 D	-1.280	31.91 D	2568	2568	1440.0C	191	50	2313

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.720	9.720	30.420	2345	2345	1483.5	0	0	4444
	9.9	10.0	9.600	9.599	30.410	2346	2346	1483.2	44	2	4434
	19.8	20.0	4.600	4.599	31.050	2461	2461	1464.4	86	9	3335
	29.8	30.0	-0.039	-0.039	31.380	2521	2521	1444.6	116	16	2762
	49.6	50.0	-1.259	-1.259	31.810	2560	2560	1439.8	167	37	2392

DEPTH	PRESS	DOY
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CRUISE NUMBER 68033

STATION NUMBER 023

LAT	N47 25.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	190	WW	02	COUN	18
LONG	W 63 23.80	MONTH	6	SWEL-P/H		WIND-SPD	07	CLD-A	5	INST	10
DEPTH	78.0	DAY	19	SWEL-D		AIR-TEM	16.6			RESTR	
MARSD SQ	151	H/M	2143	BARO	1012.0	WET-BLB	13.3			UNAS	7C

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2143	0.0	0.0M	11.25 D	11.250	29.12 D	2219	2219	1487.4C	0	0	5649
2143	5.0	5.0M	11.15 D	11.149	29.12 D	2221	2221	1487.2C	28	1	5633
2143	9.9	10.0M	10.04 D	10.039	29.29 D	2252	2252	1483.4C	56	3	5333
2143	14.9	15.0M	7.30 D	7.299	29.90 D	2339	2339	1473.8C	80	6	4498
2143	19.8	20.0M	4.20 D	4.199	30.60 D	2430	2430	1462.1C	101	10	3637
2143	24.8	25.0M	1.55 D	1.549	30.92 D	2476	2476	1451.1C	118	13	3193
2143	29.8	30.0M	1.34 D	1.339	31.25 D	2504	2504	1450.7C	133	18	2930
2143	39.7	40.0M	0.19 D	0.189	31.52 D	2532	2532	1446.0C	161	28	2664
2143	49.6	50.0M	-1.11 D	-1.110	31.69 D	2550	2550	1440.3C	186	39	2487
2143	59.5	60.0M	-1.31 D	-1.310	31.81 D	2560	2560	1439.7C	211	53	2389
2143	69.5	70.0M	-1.28 D	-1.280	32.11 D	2584	2584	1440.5C	234	68	2159

DEPTH	PRESS	OXY
0.0	0.0M	
5.0	5.0M	676
9.9	10.0M	684
14.9	15.0M	723
19.8	20.0M	777
24.8	25.0M	
29.8	30.0M	813
39.7	40.0M	818
49.6	50.0M	705
59.5	60.0M	
69.5	70.0M	641

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.250	11.250	29.120	2219	2219	1487.4	0	0	5649
	9.9	10.0	10.040	10.039	29.290	2252	2252	1483.4	56	3	5333
	19.8	20.0	4.200	4.199	30.600	2430	2430	1462.1	101	10	3637
	29.8	30.0	1.340	1.339	31.250	2504	2504	1450.7	133	18	2930
	49.6	50.0	-1.109	-1.109	31.690	2550	2550	1440.3	186	39	2487

CRUISE NUMBER 68033

STATION NUMBER 023

DEPTH	PRESS	OXY
0.0	0.0	668W
9.9	10.0	684
19.8	20.0	777
29.8	30.0	813
49.6	50.0	705

CRUISE NUMBER 68033

STATION NUMBER 024

LAT	N47 25.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	190	WW	03	COUN	18
LONG	W 63 38.60	MONTH	6	SWEL-P/H		WIND-SPD	07	CLD-A	7	INST	10
DEPTH	75.0	DAY	19	SWEL-D		AIR-TEM	16.6			RESTR	
MARSD	50 151	H/M	2242	BARO	1011.7	WET-BLB	13.3			UNAS	7B

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2242	0.0	0.0M	11.10 D	11.100	29.04 D	2215	2215	1486.8C	0	0	5684
2242	5.0	5.0M	11.10 D	11.099	29.03 D	2215	2215	1486.9C	28	1	5692
2242	9.9	10.0M	10.37 D	10.369	29.07 D	2230	2230	1484.4C	57	3	5547
2242	14.9	15.0M	10.30 D	10.298	29.07 D	2231	2231	1484.2C	84	6	5537
2242	19.8	20.0M	7.00 D	6.998	29.75 D	2332	2332	1472.5C	110	11	4574
2242	24.8	25.0M	4.00 D	3.998	30.78 D	2446	2446	1461.6C	130	15	3482
2242	29.8	30.0M	3.08 D	3.078	30.90 D	2464	2464	1457.9C	147	20	3315
2242	39.7	40.0M	-0.15 D	-0.150	31.32 D	2517	2517	1444.1C	177	31	2803
2242	49.6	50.0M	-0.93 D	-0.930	31.61 D	2543	2543	1441.1C	204	43	2554
2242	59.5	60.0M	-1.20 D	-1.200	31.84 D	2562	2562	1440.3C	229	57	2369
2242	69.5	70.0M	-1.20 D	-1.200	31.90 D	2567	2567	1440.5C	252	73	2322
2242	74.4	75.0M	-1.20 D	-1.200	31.94 D	2570	2570	1440.7C	263	81	2291

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.100	11.100	29.040	2215	2215	1486.8	0	0	5684
	9.9	10.0	10.370	10.369	29.070	2230	2230	1484.4	57	3	5547
	19.8	20.0	7.000	6.998	29.750	2332	2332	1472.5	110	11	4574
	29.8	30.0	3.080	3.078	30.900	2464	2464	1457.9	147	20	3315
	49.6	50.0	-0.929	-0.929	31.610	2543	2543	1441.1	204	43	2554
	74.4	75.0	-1.199	-1.199	31.940	2570	2570	1440.7	263	81	2291

DEPTH	PRESS	QXY
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CRUISE NUMBER 68033

STATION NUMBER 025

LAT	N47 25.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	190	WW	02	COUN	18
LONG	W 63 53.50	MONTH	6	SWEL-P/H		WIND-SPD	07	CLD-A	7	INST	10
DEPTH	54.0	DAY	19	SWEL-D		AIR-TEM	16.6			RESTR	
WMSD	50	H/M	2334	BARO	1011.5	WET-BLB	13.3			UNAS	7A

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEUA	CHI	SVA
2334	0.0	0.0M	10.29 D	10.290	29.23 D	2243	2243	1484.1C	0	0	5415
2334	5.0	5.0M	10.18 D	10.179	29.30 D	2251	2251	1483.9C	27	1	5346
2334	9.9	10.0M	9.83 D	9.829	29.24 D	2252	2252	1482.6C	54	3	5338
2334	14.9	15.0M	9.78 D	9.778	29.27 D	2255	2255	1482.5C	80	6	5309
2334	19.8	20.0M	8.20 D	8.198	29.70 D	2312	2312	1477.1C	106	11	4765
2334	24.8	25.0M	4.90 D	4.898	30.23 D	2394	2394	1464.7C	127	16	3982
2334	29.8	30.0M	3.00 D	2.998	30.54 D	2436	2436	1457.1C	146	21	3581
2334	39.7	40.0M	0.70 D	0.699	31.08 D	2494	2494	1447.7C	179	33	3024
2334	49.6	50.0M	-0.65 D	-0.650	31.51 D	2534	2534	1442.2C	207	45	2639

DEPTH	PRESS	OXY
0.0	0.0M	
5.0	5.0M	688
9.9	10.0M	698
14.9	15.0M	690
19.8	20.0M	736
24.8	25.0M	
29.8	30.0M	783
39.7	40.0M	743
49.6	50.0M	521

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEUA	CHI	SVA
	0.0	0.0	10.290	10.290	29.230	2243	2243	1484.1	0	0	5415
	9.9	10.0	9.830	9.829	29.240	2252	2252	1482.6	54	3	5338
	19.8	20.0	8.200	8.198	29.700	2312	2312	1477.1	106	11	4765
	29.8	30.0	3.000	2.998	30.540	2436	2436	1457.1	146	21	3581
	49.6	50.0	-0.649	-0.648	31.510	2534	2534	1442.2	207	45	2639

CRUISE NUMBER 68033

STATION NUMBER 025

DEPTH	PRESS	OUY
	0.0	678W
	10.0	698
	20.0	736
	30.0	783
	40.0	621

CRUISE NUMBER 68033

STATION NUMBER 026

LAT	N47 35.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	190	WW	02	COUN	18
LONG W	63 53.50	MONTH	6	SWEL-P/H		WIND-SPD	07	CLD-A	7	INST	10
DEPTH	55.0	DAY	20	SWEL-D		AIR-TEM	13.4			RESTR	
MARSD SQ	151	H/M	0056	BARO	1011.9	WET-BLB	12.0			UNAS	6A

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0056	0.0	0.0M	11.05 D	11.050	28.97 D	2211	2211	1486.5C	0	0	5728
0056	5.0	5.0M	11.05 D	11.049	28.94 D	2208	2208	1486.6C	29	1	5751
0056	9.9	10.0M	10.26 D	10.259	28.92 D	2220	2220	1483.8C	57	3	5641
0056	14.9	15.0M	10.21 D	10.208	28.90 D	2219	2219	1483.6C	85	7	5649
0056	19.8	20.0M	10.00 D	9.998	29.00 D	2230	2230	1483.1C	113	11	5544
0056	24.8	25.0M	3.00 D	2.999	30.86 D	2461	2461	1457.4C	186	17	3338
0056	29.8	30.0M	1.50 D	1.499	31.12 D	2492	2492	1451.2C	152	21	3038
0056	39.7	40.0M	-0.50 D	-0.500	31.32 D	2518	2518	1442.5C	181	31	2790
0056	49.6	50.0M	-0.73 D	-0.730	31.56 D	2538	2538	1441.9C	207	44	2598

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.050	11.050	28.970	2211	2211	1486.5	0	0	5728
	9.9	10.0	10.260	10.259	28.920	2220	2220	1483.8	57	3	5641
	19.8	20.0	10.000	9.998	29.000	2230	2230	1483.1	113	11	5544
	29.8	30.0	1.500	1.499	31.120	2492	2492	1451.2	152	21	3038
	49.6	50.0	-0.729	-0.729	31.560	2538	2538	1441.9	207	44	2598

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 027

LAT	N47 35.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	200	WW	02	COUN	16
LONG	W 63 38.60	MONTH	6	SWEL-P/H		WIND-SPD	07	CLO-A	9	INST	10
DEPTH	73.0	DAY	20	SWEL-D		AIR-TEM	13.5			RESTR	
MARSD	SQ 151	H/M	0155	BARO	1011.5	WET-BLB	12.5			UNAS	68

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0155	0.0	0.0M	10.73 D	10.730	29.11 D	2227	2227	1485.6C	0	0	5573
0155	4.9	5.0M	10.71 D	10.709	29.07 D	2224	2224	1485.5C	29	1	5580
0155	9.9	10.0M	10.01 D	10.009	29.22 D	2247	2247	1483.2C	55	3	5380
0155	19.8	20.0M	6.67 D	6.668	29.40 D	2267	2267	1482.3C	82	6	5180
0155	29.8	30.0M	6.70 D	6.698	30.20 D	2371	2371	1471.9C	106	10	4201
0155	29.8	25.0M	3.70 D	3.698	30.72 D	2444	2444	1460.2C	125	15	3681
0155	29.8	30.0M	1.40 D	1.399	31.14 D	2495	2495	1450.8C	141	19	3017
0155	29.7	40.0M	-0.17 D	-0.170	31.55 D	2536	2536	1444.4C	159	25	2627
0155	29.8	50.0M	-0.76 D	-0.760	31.76 D	2555	2555	1442.1C	194	41	2444
0155	29.8	60.0M	-0.83 D	-0.830	31.95 D	2570	2570	1442.2C	218	54	2285
0155	29.8	70.0M	-0.84 D	-0.841	32.14 D	2585	2586	1442.6C	240	69	2145

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.730	10.730	29.110	2227	2227	1485.6	0	0	5573
	9.9	10.0	10.010	10.009	29.220	2247	2247	1483.2	55	3	5380
	19.8	20.0	6.700	6.698	30.200	2371	2371	1471.9	106	10	4201
	29.8	30.0	1.400	1.399	31.140	2495	2495	1450.8	141	19	3017
	49.6	50.0	-0.759	-0.759	31.760	2555	2555	1442.1	194	41	2444

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 028

LAT	N47 35.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	220	WW	02	COUN	18
LONG W	63 23.80	MONTH	6	SWEL-P/H		WIND-SPD	07	CLD-A	9	INST	10
DEPTH	75.0	DAY	20	SWEL-D		AIR-TEM	13.5			RESTR	
MARSD SQ	151	H/M	0305	DARD	1011.5	WET-BLB	12.5			UNAS	6C

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0305	0.0	0.0M	10.55 D	10.550	29.32 D	2246	2246	1485.2C	0	0	5388
0305	5.0	5.0M	10.54 D	10.539	29.31 D	2246	2246	1485.2C	27	1	5395
0305	9.9	10.0M	10.36 D	10.359	29.32 D	2249	2249	1484.6C	54	3	5360
0305	14.9	15.0M	9.50 D	9.498	29.50 D	2277	2277	1481.8C	80	6	5096
0305	19.8	20.0M	4.40 D	4.399	30.80 D	2444	2444	1463.2C	102	10	3504
0305	24.8	25.0M	2.30 D	2.299	31.35 D	2505	2505	1455.0C	118	14	2915
0305	29.8	30.0M	0.50 D	0.499	31.58 D	2535	2535	1447.3C	131	17	2633
0305	39.7	40.0M	-1.20 D	-1.200	31.83 D	2561	2561	1440.0C	156	26	2378
0305	49.6	50.0M	-0.99 D	-0.990	31.99 D	2574	2574	1441.3C	179	37	2261
0305	59.5	60.0M	-1.07 D	-1.070	32.10 D	2583	2583	1441.3C	202	49	2173
0305	69.5	70.0M	-0.94 D	-0.941	32.20 D	2591	2591	1442.2C	223	63	2100
0305	74.4	75.0M	-0.91 D	-0.911	32.24 D	2594	2594	1442.5C	233	71	2070

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.550	10.550	29.320	2246	2246	1485.2	0	0	5388
	9.9	10.0	10.360	10.359	29.320	2249	2249	1484.6	54	3	5360
	19.8	20.0	4.400	4.399	30.800	2444	2444	1463.2	102	10	3504
	29.8	30.0	0.500	0.499	31.580	2535	2535	1447.3	131	17	2633
	49.6	50.0	-0.989	-0.989	31.990	2574	2574	1441.3	179	37	2261
	74.4	75.0	-0.909	-0.910	32.240	2594	2594	1442.5	233	71	2070

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 029

LAT	N47 35.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	220	WW	02	COUN	18
LONG	W 63 8.90	MONTH	6	SWEL-P/H		WIND-SPD	07	CLD-A	9	INST	10
DEPTH	54.0	DAY	20	SWEL-D		AIR-TEM	13.0			RESTR	
MARSD SQ	151	H/M	0401	BARO	1012.0	WET-BLB	12.0			UNAS	60

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0401	0.0	0.0M	10.53 D	10.530	29.32 D	2247	2247	1485.1C	0	0	5386
0401	5.0	5.0M	10.57 D	10.569	29.31 D	2245	2245	1485.3C	27	1	5399
0401	9.9	10.0M	10.23 D	10.229	29.29 D	2249	2249	1484.1C	54	3	5362
0401	14.9	15.0M	9.10 D	9.098	29.32 D	2269	2269	1480.0C	90	6	5173
0401	19.8	20.0M	3.60 D	3.599	30.90 D	2459	2459	1460.0C	102	10	3351
0401	24.8	25.0M	3.10 D	3.099	31.19 D	2486	2486	1458.3C	118	14	3096
0401	29.8	30.0M	0.32 D	0.319	31.50 D	2529	2529	1446.4C	132	18	2686
0401	39.7	40.0M	-0.42 D	-0.420	31.54 D	2536	2536	1443.2C	158	27	2625
0401	49.6	50.0M	-1.04 D	-1.040	31.70 D	2551	2551	1440.7C	184	39	2482

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.530	10.530	29.320	2247	2247	1485.1	0	0	5386
	9.9	10.0	10.230	10.229	29.290	2249	2249	1484.1	54	3	5362
	19.8	20.0	3.600	3.599	30.900	2459	2459	1460.0	102	10	3357
	29.8	30.0	0.320	0.319	31.500	2529	2529	1446.4	132	18	2686
	49.6	50.0	-1.039	-1.039	31.700	2551	2551	1440.7	184	39	2482

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 030

LAT	N47 35.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	220	WW	02	COUN	18
LONG W	62 54.10	MONTH	6	SWEL-P/H		WIND-SPD	07	CLD-A	9	INST	10
DEPTH	51.0	DAY	20	SWEL-D		AIR-TEM	12.0			RESTR	
MARSD SG	151	H/M	0506	BARO	1012.0	WET-BLB	11.0			UNAS	6E

OBSERVED

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0506	0.0	0.0M	10.10 D	10.100	29.67 D	2281	2281	1484.0C	0	0	5059
0506	5.0	5.0M	10.10 D	10.099	29.67 D	2281	2281	1484.0C	25	1	5059
0506	9.9	10.0M	9.65 D	9.649	29.83 D	2300	2300	1482.7C	50	3	4872
0506	14.9	15.0M	8.00 D	7.999	30.44 D	2372	2372	1477.2C	73	5	4185
0506	19.8	20.0M	5.80 D	5.798	30.96 D	2441	2441	1469.3C	92	9	3528
0506	24.8	25.0M	2.50 D	2.499	31.20 D	2492	2492	1455.7C	109	13	3043
0506	29.8	30.0M	0.99 D	0.989	31.19 D	2501	2501	1449.0C	123	17	2956
0506	39.7	40.0M	-1.02 D	-1.020	31.64 D	2546	2546	1440.5C	151	26	2529
0506	49.6	50.0M	-1.08 D	-1.080	31.72 D	2552	2552	1440.5C	176	38	2465

INTERPOLATED

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.100	10.100	29.670	2281	2281	1484.0	0	0	5059
	9.9	10.0	9.650	9.649	29.830	2300	2300	1482.7	50	3	4872
	19.8	20.0	5.800	5.798	30.960	2441	2441	1469.3	92	9	3528
	29.8	30.0	0.990	0.989	31.190	2501	2501	1449.0	123	17	2956
	49.6	50.0	-1.079	-1.079	31.720	2552	2552	1440.5	176	38	2465

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 031

LAT	N47 35.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	220	WW	02	COUN	18
LUNG W	62 39.20	MONTH	6	SWEL-P/H		WIND-SPD	07	CLD-A	9	INST	10
DEPTH	63.0	DAY	20	SWEL-D		AIR-TEM	12.2			RESTR	
MARSD SQ	151	H/M	0600	BARO	1012.2	WET-BLB	10.0			UNAS	6F

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SWA
0600	0.0	0.0M	9.90 D								

INTERPOLATED

[illegible]

CRUISE NUMBER 68033

STATION NUMBER 033

LAT	N47 45.80	YEAR	1968	WAVE-P/H	1200	WIND-DIR	150	WW	02	COUN	18
LONG	W 02 24.40	MONTH	6	SWEL-P/H		WIND-SPD	02	CLD-A	8	INST	10
DEPTH	60.0	DAY	20	SWEL-D		AIR-TEM	13.0			RESTR	
MARSD	50 151	H/M	0858	BARO	1012.7	WET-BLB	10.3			UNAS	56

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0858	0.0	0.0M	9.40 D	9.400	30.72 D	2373	2373	1482.7C	0	0	4173
0858	5.0	5.0M	9.39 D	9.389	30.69 D	2371	2371	1482.7C	21	1	4194
0858	9.9	10.0M	8.80 D	8.799	30.75 D	2385	2385	1480.6C	42	2	4064
0858	14.9	15.0M	8.48 D	8.478	30.83 D	2396	2396	1479.6C	62	5	3961
0858	19.8	20.0M	4.89 D	4.889	31.28 D	2477	2477	1465.9C	80	8	3190
0858	29.8	30.0M	1.87 D	1.869	31.67 D	2534	2534	1453.6C	108	15	2642
0858	39.7	40.0M	-0.47 D	-0.470	31.89 D	2564	2564	1443.5C	133	24	2355
0858	49.6	50.0M	-0.68 D	-0.680	32.27 D	2595	2595	1443.2C	155	34	2056
0858	54.6	55.0M	-0.40 D	-0.401	32.51 D	2614	2614	1444.9C	165	39	1882

DEPTH	PRESS	OXY
0.0	0.0M	
5.0	5.0M	695
9.9	10.0M	699
14.9	15.0M	698
19.8	20.0M	763
29.8	30.0M	850
39.7	40.0M	780
49.6	50.0M	721
54.6	55.0M	622

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.400	9.400	30.720	2373	2373	1482.7	0	0	4173
	9.9	10.0	8.800	8.799	30.750	2385	2385	1480.6	42	2	4064
	19.8	20.0	4.890	4.889	31.280	2477	2477	1465.9	80	8	3190
	29.8	30.0	1.870	1.869	31.670	2534	2534	1453.6	108	15	2642
	49.6	50.0	-0.679	-0.679	32.270	2595	2595	1443.2	155	34	2056

CRUISE NUMBER 68033

STATION NUMBER 033

DEPTH	PRESS	OXY
104.0	04.0	691W
114.0	104.0	694
124.0	204.0	700
134.0	304.0	800
144.0	404.0	721

CRUISE NUMBER 68033

STATION NUMBER 034

LAT	N47 45.80	YEAR	1968	WAVE-P/H	1200	WIND-DIR	150	WW	02	COUN	18
LONG W	62 39.20	MONTH	6	SWELL-P/H	1201	WIND-SPD	05	CLD-A	8	INST	10
DEPTH	62.0	DAY	20	SWELL-D	220	AIR-TEM	12.2			RESTR	
MARSD SQ	151	H/M	1141	BARO	1011.7	WET-BLG	10.4			UNAS	5F

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1141	0.0	0.0M	9.78 D	9.780	29.86 D	2301	2301	1483.0C	0	0	4869
1141	5.0	5.0M	9.76 D	9.759	29.92 D	2306	2306	1483.1C	24	1	4821
1141	9.9	10.0M	9.27 D	9.269	30.05 D	2323	2323	1481.5C	48	2	4653
1141	14.9	15.0M	8.30 D	8.299	30.37 D	2363	2363	1478.3C	70	5	4278
1141	19.8	20.0M	3.12 D	3.119	31.09 D	2478	2478	1458.2C	89	9	3174
1141	24.8	25.0M	1.91 D	1.909	31.40 D	2512	2512	1453.3C	104	12	2850
1141	29.8	30.0M	1.60 D	1.599	31.59 D	2529	2529	1452.3C	118	16	2686
1141	39.7	40.0M	-0.67 D	-0.670	31.78 D	2556	2556	1442.4C	143	25	2432
1141	49.6	50.0M	-0.80 D	-0.800	32.00 D	2574	2574	1442.2C	167	36	2258
1141	59.5	60.0M	-0.74 D	-0.740	32.31 D	2599	2599	1443.1C	188	48	2023

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.780	9.780	29.860	2301	2301	1483.0	0	0	4869
	9.9	10.0	9.270	9.269	30.050	2323	2323	1481.5	48	2	4653
	19.8	20.0	3.120	3.119	31.090	2478	2478	1458.2	89	9	3174
	29.8	30.0	1.600	1.599	31.590	2529	2529	1452.3	118	16	2686
	49.6	50.0	-0.799	-0.799	32.000	2574	2574	1442.2	167	36	2258

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 035

LAT	N47 45.80	YEAR	1968	WAVE-P/H	1200	WIND-DIR	150	WW	02	COUN	18
LONG	W 62 54.10	MONTH	6	SWEL-P/H	1201	WIND-SPD	07	CLD-A	8	INST	10
DEPTH	57.0	DAY	20	SWEL-D	220	AIR-TEM	12.1			RESTR	
MARSD SQ	151	H/M	1236	BARO	1010.0	WET-HLB	10.5			UNAS	SE

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1236	0.0	0.0M	10.02 D	10.020	29.57 D	2274	2274	1483.5C	0	0	5121
1236	5.0	5.0M	10.00 D	9.999	29.34 D	2257	2257	1483.2C	26	1	5289
1236	9.9	10.0M	9.90 D	9.899	29.58 D	2277	2277	1483.3C	52	3	5096
1236	14.9	15.0M	4.60 D	4.599	30.74 D	2437	2437	1463.9C	74	5	3568
1236	19.8	20.0M	1.80 D	1.799	31.30 D	2505	2505	1452.6C	90	8	2919
1236	24.8	25.0M	1.36 D	1.359	31.48 D	2522	2522	1451.0C	104	11	2755
1236	29.8	30.0M	0.15 D	0.149	31.63 D	2541	2541	1445.8C	117	15	2578
1236	39.7	40.0M	-1.12 D	-1.120	31.73 D	2553	2553	1440.2C	142	24	2457
1236	49.6	50.0M	-1.18 D	-1.180	31.80 D	2559	2559	1440.2C	167	35	2401
1236	54.6	55.0M	-1.10 D	-1.100	31.99 D	2574	2574	1440.9C	178	42	2258

DEPTH	PRESS	OXY
0.0	0.0M	
5.0	5.0M	683
9.9	10.0M	683
14.9	15.0M	706
19.8	20.0M	768
24.8	25.0M	
29.8	30.0M	762
39.7	40.0M	690
49.6	50.0M	684
54.6	55.0M	660

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.020	10.020	29.570	2274	2274	1483.5	0	0	5121
	9.9	10.0	9.900	9.899	29.580	2277	2277	1483.3	52	3	5096
	19.8	20.0	1.800	1.799	31.300	2505	2505	1452.6	90	8	2919
	29.8	30.0	0.150	0.149	31.630	2541	2541	1445.8	117	15	2578
	49.6	50.0	-1.179	-1.179	31.800	2559	2559	1440.2	167	35	2401

CRUISE NUMBER 68033

STATION NUMBER 035

DEPTH	PRESS	OXY
0.0	0.0	683W
9.9	10.0	683
19.8	20.0	768
29.8	30.0	762
49.6	50.0	684

CRUISE NUMBER 68033 STATION NUMBER 036

LAT	N47 45.80	YEAR	1968	WAVE-P/H	1202	WIND-DIR	150	WW	02	COUN	18
LONG	W 63 8.90	MONTH	6	SWEL-P/H	1201	WIND-SPD	07	CLD-A	8	INST	10
DEPTH	67.0	DAY	20	SWEL-D	180	AIR-TEM	13.2			RESTR	
MARSD SQ	151	H/M	1410	BARU	1009.0	WET-BLB	10.7			UNAS	50

OBSERVED

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1410	0.0	0.0M	10.10 D	10.100	29.46 D	2264	2264	1483.7C	0	0	5215
1410	5.0	5.0M	10.10 D	10.099	29.42 D	2261	2261	1483.7C	26	1	5244
1410	9.9	10.0M	10.09 D	10.089	29.42 D	2261	2261	1483.8C	52	3	5244
1410	14.9	15.0M	9.47 D	9.468	29.50 D	2277	2277	1481.6C	78	6	5092
1410	19.8	20.0M	7.70 D	7.698	30.15 D	2354	2354	1475.8C	102	10	4363
1410	24.8	25.0M	4.00 D	3.998	30.96 D	2460	2460	1461.8C	121	15	3347
1410	29.8	30.0M	2.20 D	2.199	31.39 D	2509	2509	1454.7C	137	19	2878
1410	39.7	40.0M	-0.72 D	-0.720	31.82 D	2559	2559	1442.2C	163	28	2400
1410	49.6	50.0M	-1.01 D	-1.010	31.94 D	2570	2570	1441.2C	186	39	2299
1410	59.5	60.0M	-1.11 D	-1.110	32.03 D	2577	2577	1441.0C	209	52	2226
1410	64.5	65.0M	-1.06 D	-1.060	32.08 D	2581	2581	1441.4C	220	59	2188

INTERPOLATED

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.100	10.100	29.460	2264	2264	1483.7	0	0	5215
	9.9	10.0	10.090	10.089	29.420	2261	2261	1483.8	52	3	5244
	19.8	20.0	7.700	7.698	30.150	2354	2354	1475.8	102	10	4363
	29.8	30.0	2.200	2.199	31.390	2509	2509	1454.7	137	19	2878
	49.6	50.0	-1.009	-1.009	31.940	2570	2570	1441.2	186	39	2299

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 037

LAT	N47 45.80	YEAR	1968	WAVE-P/H	1202	WIND-DIR	140	WW	02	COUN	18
LONG	W 63 23.80	MONTH	6	SWEL-P/H	1201	WIND-SPD	07	CLD-A	8	INST	10
DEPTH	71.0	DAY	20	SWEL-D	160	AIR-TEM	13.0			RESTR	
MARSD SQ	151	H/M	1511	BARO	1008.5	WET-BLB	11.5			UNAS	5C

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1511	0.0	0.0M	10.61 D	10.610	28.65 D	2193	2193	1484.5C	0	0	5896
1511	5.0	5.0M	10.60 D	10.599	28.65 D	2193	2193	1484.6C	29	1	5894
1511	9.9	10.0M	10.51 D	10.509	28.68 D	2197	2197	1484.4C	59	3	5858
1511	14.9	15.0M	9.45 D	9.448	29.08 D	2245	2245	1481.0C	87	7	5402
1511	19.8	20.0M	6.70 D	6.698	29.92 D	2349	2349	1471.5C	112	11	4411
1511	24.8	25.0M	4.50 D	4.498	30.54 D	2422	2422	1463.4C	132	16	3710
1511	29.8	30.0M	2.88 D	2.878	30.96 D	2470	2470	1457.1C	149	20	3254
1511	39.7	40.0M	0.32 D	0.319	31.43 D	2524	2524	1446.5C	179	31	2739
1511	49.6	50.0M	-0.50 D	-0.500	31.70 D	2549	2549	1443.2C	205	43	2499
1511	59.5	60.0M	-0.69 D	-0.690	31.98 D	2572	2572	1442.9C	229	56	2277
1511	64.5	65.0M	-0.75 D	-0.751	32.08 D	2580	2580	1442.8C	240	63	2198

DEPTH	PRESS	OXY
0.0	0.0M	
5.0	5.0M	670
9.9	10.0M	674
14.9	15.0M	675
19.8	20.0M	733
24.8	25.0M	
29.8	30.0M	804
39.7	40.0M	728
49.6	50.0M	744
59.5	60.0M	
64.5	65.0M	646

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.610	10.610	28.650	2193	2193	1484.5	0	0	5896
	9.9	10.0	10.510	10.509	28.680	2197	2197	1484.4	59	3	5858
	19.8	20.0	6.700	6.698	29.920	2349	2349	1471.5	112	11	4411
	29.8	30.0	2.880	2.878	30.960	2470	2470	1457.1	149	20	3254
	49.6	50.0	-0.499	-0.499	31.700	2549	2549	1443.2	205	43	2499

CRUISE NUMBER 68033 STATION NUMBER 037

DEPTH	PRESS	OXY
1.0	0.0	656W
7.9	10.0	674
19.9	20.0	733
29.8	30.0	704
49.8	50.0	744

CRUISE NUMBER 68033

STATION NUMBER 038

LAT	N47 45.80	YEAR	1968	WAVE-P/H	1202	WIND-DIR	140	WW	02	COUN	18
LONG	W 63 38.50	MONTH	6	SWEL-P/H	1201	WIND-SPD	07	CLO-A	8	INST	10
DEPTH	68.0	DAY	20	SWEL-D	160	AIR-TEM	12.5			RESTR	
MARSD SQ	151	H/M	1653	BARO	1007.0	WET-BLB	10.5			UNAS	58

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1653	0.0	0.0M	10.69 D	10.690	28.74 D	2199	2199	1484.9C	0	0	5841
1653	5.0	5.0M	10.68 D	10.679	28.73 D	2198	2198	1485.0C	29	1	5847
1653	9.9	10.0M	10.65 D	10.649	28.72 D	2198	2198	1484.9C	58	3	5851
1653	14.9	15.0M	10.50 D	10.498	28.74 D	2202	2202	1484.5C	98	7	5813
1653	19.8	20.0M	10.20 D	10.198	28.77 D	2209	2209	1483.5C	117	12	5745
1653	24.8	25.0M	6.25 D	6.248	29.75 D	2341	2341	1469.6C	142	18	4486
1653	29.8	30.0M	4.75 D	4.748	30.12 D	2386	2386	1464.0C	164	24	4051
1653	39.7	40.0M	2.85 D	2.848	30.75 D	2453	2453	1456.8C	201	37	3410
1653	49.6	50.0M	0.70 D	0.698	31.26 D	2508	2508	1448.1C	232	51	2887
1653	59.5	60.0M	-0.35 D	-0.351	31.83 D	2559	2559	1444.3C	259	66	2404

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.690	10.690	28.740	2199	2199	1484.9	0	0	5841
	9.9	10.0	10.650	10.649	28.720	2198	2198	1484.9	58	3	5851
	19.8	20.0	10.200	10.198	28.770	2209	2209	1483.5	117	12	5745
	29.8	30.0	4.750	4.748	30.120	2386	2386	1464.0	164	24	4051
	49.6	50.0	0.700	0.698	31.260	2508	2508	1448.1	232	51	2887

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 039

LAT	N47 45.80	YEAR	1968	WAVE-P/H	1302	WIND-DIR	120	WW	60	COUN	18
LONG	W 63 53.50	MONTH	6	SWEL-P/H		WIND-SPD	07	CLD-A	9	INST	10
DEPTH	66.0	DAY	20	SWEL-D		AIR-TEM	12.0			RESTR	
MARSD	SQ 151	H/M	1814	BARO	1006.0	WET-BLB	11.5			UNAS	5A

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1814	0.0	0.0M	10.50 D	10.500	28.89 D	2214	2214	1484.4C	0	0	5701
1814	5.0	5.0M	10.48 D	10.479	28.92 D	2216	2216	1484.5C	28	1	5675
1814	9.9	10.0M	10.48 D	10.479	28.92 D	2216	2216	1484.6C	57	3	5676
1814	14.9	15.0M	10.39 D	10.388	28.92 D	2218	2218	1484.3C	85	7	5662
1814	19.8	20.0M	8.80 D	8.798	29.48 D	2286	2286	1479.2C	112	11	5011
1814	24.8	25.0M	4.50 D	4.498	30.48 D	2417	2417	1463.3C	134	16	3755
1814	29.8	30.0M	2.25 D	2.249	30.80 D	2462	2462	1454.1C	152	21	3329
1814	39.7	40.0M	-0.14 D	-0.140	31.22 D	2509	2509	1444.1C	182	32	2881
1814	49.6	50.0M	-0.70 D	-0.700	31.36 D	2522	2522	1441.8C	211	45	2752
1814	59.5	60.0M	-0.89 D	-0.890	31.92 D	2568	2568	1441.9C	236	59	2316
1814	62.5	63.0M	-0.79 D	-0.791	32.10 D	2582	2582	1442.6C	243	63	2181
1814	64.5	65.0M	-0.72 D	-0.721	32.20 D	2590	2590	1443.1C	247	66	2108

DEPTH	PRESS	OXY
0.0	0.0M	
5.0	5.0M	677
9.9	10.0M	677
14.9	15.0M	676
19.8	20.0M	671
24.8	25.0M	
29.8	30.0M	799
39.7	40.0M	764
49.6	50.0M	671
59.5	60.0M	
62.5	63.0M	556
64.5	65.0M	

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.500	10.500	28.890	2214	2214	1484.4	0	0	5701
	9.9	10.0	10.480	10.479	28.920	2216	2216	1484.6	57	3	5676
	19.8	20.0	8.800	8.798	29.480	2286	2286	1479.2	112	11	5011
	29.8	30.0	2.250	2.249	30.800	2462	2462	1454.1	152	21	3329
	49.6	50.0	-0.699	-0.699	31.360	2522	2522	1441.8	211	45	2752

CRUISE NUMBER 68033

STATION NUMBER 039

DEPTH	PRESS	OXY
0.0	0.0	677W
9.9	10.0	677
19.8	20.0	671
29.8	30.0	799
49.6	50.0	671

CRUISE NUMBER 68033

STATION NUMBER 040

LAT	N47 55.80	YEAR	1963	WAVE-P/H	1302	WIND-DIR	110	WW	62	COUN	18
LONG	W 63 53.50	MONTH	6	SWEL-P/H		WIND-SPD	10	CLD-A	5	INST	10
DEPTH	80.0	DAY	20	SWEL-D		AIR-TEM	12.0			RESTR	
MARSD	SQ 151	H/M	2006	BARO	1005.7	WET-BLB	11.5			UNAS	4A

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2006	0.0	0.0M	10.85 D	10.850	28.76 D	2198	2198	1485.5C	0	0	5852
2006	5.0	5.0M	10.85 D	10.849	28.76 D	2198	2198	1485.6C	29	1	5852
2006	9.9	10.0M	10.59 D	10.589	28.77 D	2203	2203	1484.8C	58	3	5804
2006	14.9	15.0M	10.17 D	10.168	28.81 D	2213	2213	1483.4C	87	7	5710
2006	19.8	20.0M	8.90 D	8.898	29.15 D	2259	2259	1479.1C	115	12	5272
2006	24.8	25.0M	4.14 D	4.138	30.39 D	2414	2414	1461.7C	138	17	3789
2006	29.8	30.0M	2.11 D	2.109	30.70 D	2455	2455	1453.4C	155	22	3396
2006	39.7	40.0M	0.40 D	0.399	31.09 D	2496	2496	1446.4C	187	33	3002
2006	49.6	50.0M	-0.50 D	-0.500	31.53 D	2535	2535	1443.0C	215	46	2629
2006	59.5	60.0M	-0.71 D	-0.710	32.06 D	2579	2579	1442.9C	239	59	2215
2006	69.5	70.0M	-0.53 D	-0.531	32.30 D	2597	2597	1444.2C	261	73	2037

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.850	10.850	28.760	2198	2198	1485.5	0	0	5852
	9.9	10.0	10.590	10.589	28.770	2203	2203	1484.8	58	3	5804
	19.8	20.0	8.900	8.898	29.150	2259	2259	1479.1	115	12	5272
	29.8	30.0	2.110	2.109	30.700	2455	2455	1453.4	155	22	3396
	49.6	50.0	-0.499	-0.499	31.530	2535	2535	1443.0	215	46	2629

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 041

LAT	N47 55.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	110	WW	62	COUN	18
LONG	W 63 38.60	MONTH	6	SWEL-P/H		WIND-SPD	07	CLD-A	5	INST	10
DEPTH	64.0	DAY	20	SWEL-D		AIR-TEM	10.7			RESTR	
MARSD SQ	151	H/M	2113	BARO	1005.2	WET-BLB	10.4			UNAS	48

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2113	0.0	0.0M	10.70 D	10.700	28.74 D	2199	2199	1485.0C	0	0	5843
2113	5.0	5.0M	10.70 D	10.699	28.76 D	2200	2200	1485.1C	29	1	5828
2113	9.9	10.0M	10.67 D	10.669	28.75 D	2200	2200	1485.0C	58	3	5832
2113	14.9	15.0M	10.53 D	10.528	28.78 D	2205	2205	1484.7C	87	7	5788
2113	19.8	20.0M	10.07 D	10.068	28.78 D	2212	2212	1483.0C	116	12	5718
2113	24.8	25.0M	5.92 D	5.918	29.80 D	2349	2349	1468.3C	141	18	4412
2113	29.8	30.0M	4.17 D	4.168	30.39 D	2413	2413	1461.9C	162	23	3792
2113	39.7	40.0M	1.44 D	1.438	31.15 D	2495	2495	1451.2C	196	35	3011
2113	49.6	50.0M	-0.27 D	-0.270	31.72 D	2550	2550	1444.3C	223	48	2492
2113	59.5	60.0M	-0.57 D	-0.571	31.80 D	2557	2557	1443.2C	247	61	2419

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.700	10.700	28.740	2199	2199	1485.0	0	0	5843
	9.9	10.0	10.670	10.669	28.750	2200	2200	1485.0	58	3	5832
	19.8	20.0	10.070	10.068	28.780	2212	2212	1483.0	116	12	5718
	29.8	30.0	4.170	4.168	30.390	2413	2413	1461.9	162	23	3792
	49.6	50.0	-0.269	-0.269	31.720	2550	2550	1444.3	223	48	2492

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 042

LAT	N47 55.80	YEAR	1968	WAVE-P/H	1202	WIND-DIR	070	WW	62	COUN	18
LONG	W 63 23.80	MONTH	6	SWEL-P/H		WIND-SPD	08	CLD-A	5	INST	10
DEPTH	76.0	DAY	20	SWEL-D		AIR-TEM	10.7			RESTR	
MARSD SQ	151	H/M	2204	BARO	1004.0	WET-BLB	10.4			UNAS	4C

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVa
2204	0.0	0.0M	10.78 D	10.780	28.61 D	2187	2187	1485.1C	0	0	5952
2204	5.0	5.0M	10.78 D	10.779	28.60 D	2187	2187	1485.2C	30	1	5960
2204	9.9	10.0M	10.77 D	10.769	28.60 D	2187	2187	1485.2C	60	3	5959
2204	14.9	15.0M	10.71 D	10.708	28.62 D	2189	2189	1485.1C	89	7	5935
2204	19.8	20.0M	6.30 D	6.298	29.30 D	2305	2305	1469.1C	116	12	4829
2204	24.8	25.0M	7.87 D	7.868	29.95 D	2336	2336	1476.3C	140	17	4535
2204	29.8	30.0M	5.83 D	5.828	30.20 D	2381	2381	1468.5C	161	23	4102
2204	39.7	40.0M	2.50 D	2.498	30.84 D	2463	2463	1455.4C	198	36	3316
2204	49.6	50.0M	0.65 D	0.648	31.39 D	2519	2519	1448.1C	229	50	2785
2204	59.5	60.0M	-0.92 D	-0.920	31.65 D	2546	2546	1441.3C	255	65	2523
2204	69.5	70.0M	-0.42 D	-0.421	31.98 D	2571	2571	1444.3C	279	81	2286

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVa
	0.0	0.0	10.780	10.780	28.610	2187	2187	1485.1	0	0	5952
	9.9	10.0	10.770	10.769	28.600	2187	2187	1485.2	60	3	5959
	19.8	20.0	6.300	6.298	29.300	2305	2305	1469.1	116	12	4829
	29.8	30.0	5.830	5.828	30.200	2381	2381	1468.5	161	23	4102
	49.6	50.0	0.650	0.648	31.390	2519	2519	1448.1	229	50	2785

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 043

LAT	N47 55.80	YEAR	1968	WAVE-P/H	1202	WIND-DIR	080	WW	60	COUN	18
LONG	W 63 8.90	MONTH	6	SWEL-P/H	1405	WIND-SPD	07	CLD-A	6	INST	10
DEPTH	60.0	DAY	20	SWEL-D	090	AIR-TEM	10.3			RESTR	
MARSD	SQ 151	H/M	2308	BARO	1000.5	WET-BLB	9.3			UNAS	40

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEDA	CHI	SYA
2308	0.0	0.0M	10.40 D	10.400	28.98 D	2222	2222	1484.2C	0	0	5617
2308	5.0	5.0M	10.39 D	10.389	28.98 D	2222	2222	1484.2C	28	1	5616
2308	9.9	10.0M	10.38 D	10.379	28.96 D	2221	2221	1484.2C	56	3	5630
2308	14.9	15.0M	10.20 D	10.198	28.96 D	2224	2224	1483.7C	84	6	5603
2308	19.8	20.0M	9.61 D	9.608	29.02 D	2238	2238	1481.6C	112	11	5471
2308	24.8	25.0M	7.32 D	7.318	29.68 D	2322	2322	1473.8C	138	17	4667
2308	29.8	30.0M	4.50 D	4.498	30.39 D	2410	2410	1463.3C	159	23	3823
2308	39.7	40.0M	1.98 D	1.978	31.00 D	2480	2480	1453.4C	194	36	3159
2308	49.6	50.0M	-0.29 D	-0.290	31.53 D	2534	2534	1443.9C	223	49	2637
2308	59.5	60.0M	-0.57 D	-0.571	31.80 D	2557	2557	1443.2C	248	63	2419

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEDA	CHI	SYA
	0.0	0.0	10.400	10.400	28.980	2222	2222	1484.2	0	0	5617
	9.9	10.0	10.380	10.379	28.960	2221	2221	1484.2	56	3	5630
	19.8	20.0	9.610	9.608	29.020	2238	2238	1481.6	112	11	5471
	29.8	30.0	4.500	4.498	30.390	2410	2410	1463.3	159	23	3823
	49.6	50.0	-0.289	-0.289	31.530	2534	2534	1443.9	223	49	2637

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 044

LAT	N47 55.80	YEAR	1968	WAVE-P/H	1202	WIND-DIR	080	WW	60	COUN	18
LONG	W 62 54.10	MONTH	6	SWEL-P/H	1405	WIND-SPD	07	CLD-A	6	INST	10
DEPTH	71.0	DAY	21	SWEL-D	090	AIR-TEM	10.3			RESTR	
MARSD	SQ 151	H/M	0004	BARO	1000.5	WET-BLB	9.3			UNAS	4E

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0004	0.0	0.0M	9.95 D	9.950	29.43 D	2264	2264	1483.1C	0	0	5214
0004	5.0	5.0M	9.93 D	9.929	29.42 D	2264	2264	1483.1C	26	1	5219
0004	9.9	10.0M	9.90 D	9.899	29.44 D	2266	2266	1483.1C	52	3	5200
0004	14.9	15.0M	8.92 D	8.918	29.51 D	2286	2286	1479.6C	78	6	5005
0004	19.8	20.0M	8.17 D	8.168	29.91 D	2328	2328	1477.3C	102	10	4604
0004	24.8	25.0M	5.50 D	5.498	30.68 D	2423	2423	1467.7C	123	15	3706
0004	29.8	30.0M	3.40 D	3.398	31.10 D	2477	2477	1459.5C	140	20	3189
0004	39.7	40.0M	-0.20 D	-0.200	31.57 D	2537	2537	1444.3C	169	30	2610
0004	49.6	50.0M	-0.60 D	-0.600	32.11 D	2582	2582	1443.3C	192	41	2181
0004	59.5	60.0M	-0.59 D	-0.591	32.13 D	2584	2584	1443.6C	214	53	2166
0004	69.5	70.0M	-0.59 D	-0.591	32.18 D	2588	2588	1443.8C	235	67	2127

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.950	9.950	29.430	2264	2264	1483.1	0	0	5214
	9.9	10.0	9.900	9.899	29.440	2266	2266	1483.1	52	3	5200
	19.8	20.0	8.170	8.168	29.910	2328	2328	1477.3	102	10	4604
	29.8	30.0	3.400	3.398	31.100	2477	2477	1459.5	140	20	3189
	49.6	50.0	-0.599	-0.599	32.110	2582	2582	1443.3	192	41	2181

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 045

LAT	N47 55.80	YEAR	1968	WAVE-P/H	1202	WIND-DIR	060	WW	60	COUN	18
LONG	W 62 39.20	MONTH	6	SWEL-P/H	1405	WIND-SPD	12	CLD-A	8	INST	10
DEPTH	60.0	DAY	21	SWEL-D	090	AIR-TEM	10.3			RESTR	
MARSD SQ	151	H/M	0109	BARO	1000.0	WET-BLB	9.3			UNAS	4F

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0109	0.0	0.0M	9.80 D	9.800	29.64 D	2283	2283	1482.8C	0	0	5036
0109	5.0	5.0M	9.79 D	9.789	29.64 D	2283	2283	1482.9C	25	1	5034
0109	9.9	10.0M	9.72 D	9.719	30.14 D	2323	2323	1483.3C	49	2	4653
0109	14.9	15.0M	9.50 D	9.498	30.22 D	2333	2333	1482.7C	72	5	4561
0109	19.8	20.0M	7.55 D	7.548	30.44 D	2378	2378	1475.6C	94	9	4127
0109	24.8	25.0M	4.80 D	4.798	31.15 D	2467	2467	1465.5C	113	14	3279
0109	29.8	30.0M	2.07 D	2.069	31.19 D	2494	2494	1453.9C	128	18	3021
0109	39.7	40.0M	-0.09 D	-0.090	31.74 D	2550	2550	1445.0C	156	28	2485
0109	49.6	50.0M	-0.78 D	-0.780	31.91 D	2567	2567	1442.2C	180	39	2328
0109	59.5	60.0M	-0.84 D	-0.840	32.20 D	2590	2590	1442.5C	202	51	2104

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.800	9.800	29.640	2283	2283	1482.8	0	0	5036
	9.9	10.0	9.720	9.719	30.140	2323	2323	1483.3	49	2	4653
	19.8	20.0	7.550	7.548	30.440	2378	2378	1475.6	94	9	4127
	29.8	30.0	2.070	2.069	31.190	2494	2494	1453.9	128	18	3021
	49.6	50.0	-0.779	-0.779	31.910	2567	2567	1442.2	180	39	2328

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 046

LAT	N47 55.80	YEAR	1968	WAVE-P/H	1303	WIND-DIR	060	WW	60	COUN	18
LONG	W 62 24.40	MONTH	6	SWEL-P/H	1406	WIND-SPD	15	CLD-A	8	INST	10
DEPTH	80.0	DAY	21	SWEL-D	090	AIR-TEM	8.5			RESTR	
MARSD SQ	151	H/M	0212	BARO	1000.0	WET-BLB	8.5			UNAS	4G

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0212	0.0	0.0M	9.12 D	9.120	30.00 D	2322	2322	1480.7C	0	0	4667
0212	5.0	5.0M	9.12 D	9.119	30.00 D	2322	2322	1480.8C	23	1	4667
0212	9.9	10.0M	9.11 D	9.109	30.00 D	2322	2322	1480.8C	47	2	4667
0212	14.9	15.0M	8.90 D	8.898	30.02 D	2327	2327	1480.2C	70	5	4622
0212	19.8	20.0M	2.00 D	1.999	31.00 D	2480	2480	1453.1C	89	9	3160
0212	24.8	25.0M	0.27 D	0.269	31.38 D	2520	2520	1445.9C	104	12	2776
0212	29.8	30.0M	0.75 D	0.749	31.66 D	2540	2540	1448.6C	117	16	2584
0212	39.7	40.0M	-0.60 D	-0.600	32.13 D	2584	2584	1443.2C	141	24	2167
0212	49.6	50.0M	-0.53 D	-0.530	32.36 D	2602	2602	1444.0C	162	34	1993
0212	59.5	60.0M	-0.48 D	-0.481	32.41 D	2606	2606	1444.5C	181	45	1955
0212	69.5	70.0M	-0.11 D	-0.111	32.60 D	2620	2620	1446.6C	200	57	1825
0212	79.4	80.0M	-0.01 D	-0.012	32.65 D	2623	2623	1447.3C	218	71	1791

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.120	9.120	30.000	2322	2322	1480.7	0	0	4667
	9.9	10.0	9.110	9.109	30.000	2322	2322	1480.8	47	2	4667
	19.8	20.0	2.000	1.999	31.000	2480	2480	1453.1	89	9	3160
	29.8	30.0	0.750	0.749	31.660	2540	2540	1448.6	117	16	2584
	49.6	50.0	-0.529	-0.529	32.360	2602	2602	1444.0	162	34	1993
	74.5	75.0	-0.059W	-0.061	32.625W	2622	2622	1447.0W	209	64	1808

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 047

LAT	N48	5.80	YEAR	1968	WAVE-P/H	1303	WIND-DIR	060	WW	60	COUN	18
LONG	W 62	24.40	MONTH	6	SWEL-P/H	1406	WIND-SPD	10	CLD-A	8	INST	10
DEPTH		62.0	DAY	21	SWEL-D	090	AIR-TEM	8.5			RESTR	
MARSD SQ		151	H/M	0306	BARO	1000.0	WET-BLB	8.5			UNAS	3G

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0306	0.0	0.0M	7.91 D	7.910	30.72 D	2395	2395	1477.0C	0	0	3963
0306	5.0	5.0M	7.91 D	7.910	30.72 D	2395	2395	1477.1C	20	1	3963
0306	9.9	10.0M	7.86 D	7.859	30.77 D	2400	2400	1477.0C	40	2	3920
0306	14.9	15.0M	6.62 D	6.619	31.12 D	2444	2444	1472.7C	58	4	3502
0306	19.8	20.0M	4.38 D	4.379	31.37 D	2489	2489	1463.9C	75	7	3073
0306	24.8	25.0M	0.90 D	0.899	31.81 D	2551	2551	1449.4C	89	10	2478
0306	29.8	30.0M	-0.12 D	-0.120	31.95 D	2568	2568	1445.0C	100	14	2323
0306	39.7	40.0M	-0.52 D	-0.520	32.34 D	2601	2601	1443.8C	122	21	2008
0306	49.6	50.0M	-0.46 D	-0.460	32.38 D	2604	2604	1444.3C	142	31	1980
0306	59.5	60.0M	-0.40 D	-0.401	32.47 D	2611	2611	1444.9C	161	41	1913

DEPTH	PRESS	OXY
0.0	0.0M	
5.0	5.0M	705
9.9	10.0M	703
14.9	15.0M	708
19.8	20.0M	737
24.8	25.0M	
29.8	30.0M	845
39.7	40.0M	713
49.6	50.0M	684
59.5	60.0M	

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	7.910	7.910	30.720	2395	2395	1477.0	0	0	3963
	9.9	10.0	7.860	7.859	30.770	2400	2400	1477.0	40	2	3920
	19.8	20.0	4.380	4.379	31.370	2489	2489	1463.9	75	7	3073
	29.8	30.0	-0.119	-0.119	31.950	2568	2568	1445.0	100	14	2323
	49.6	50.0	-0.459	-0.459	32.380	2604	2604	1444.3	142	31	1980

CRUISE NUMBER 68033

STATION NUMBER 047

DEPTH	PRESS	OXY
0.0	0.0	707W
9.9	10.0	703
19.8	20.0	737
29.8	30.0	845
49.6	50.0	684

CRUISE NUMBER 68033

STATION NUMBER 048

LAT	N48	5.80	YEAR	1968	WAVE-P/H	1404	WIND-DIR	060	WW	61	COUN	18
LONG	W	62 39.20	MONTH	6	SWEL-P/H		WIND-SPD	12	CLD-A	9	INST	10
DEPTH		84.0	DAY	21	SWEL-D		AIR-TEM	8.5			RESTR	
MARSD	SQ	151	H/M	0437	BARO	999.0	WET-BLB	8.5			UNAS	3F

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEDA	CHI	SVA
0437	0.0	0.0M	9.31 D	9.310	29.64 D	2291	2291	1481.0C	0	0	4964
0437	5.0	5.0M	9.30 D	9.299	29.65 D	2292	2292	1481.0C	25	1	4954
0437	9.9	10.0M	9.22 D	9.219	29.72 D	2298	2298	1480.9C	50	3	4891
0437	14.9	15.0M	8.13 D	8.129	30.48 D	2374	2374	1477.8C	72	5	4173
0437	19.8	20.0M	8.37 D	8.368	30.88 D	2401	2401	1479.3C	92	9	3909
0437	24.8	25.0M	1.73 D	1.729	31.20 D	2497	2497	1452.3C	110	13	2991
0437	29.8	30.0M	0.28 D	0.279	31.47 D	2527	2527	1446.2C	124	17	2707
0437	39.7	40.0M	-0.30 D	-0.300	31.87 D	2562	2562	1444.2C	149	26	2376
0437	49.6	50.0M	-0.65 D	-0.650	32.14 D	2585	2585	1443.1C	172	36	2156
0437	59.5	60.0M	-0.52 D	-0.521	32.29 D	2596	2596	1444.1C	193	48	2046
0437	69.4	70.0M	-0.32 D	-0.321	32.47 D	2610	2610	1445.4C	212	61	1915
0437	79.4	80.0M	-0.07 D	-0.072	32.66 D	2624	2624	1447.0C	231	75	1781

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEDA	CHI	SVA
	0.0	0.0	9.310	9.310	29.640	2291	2291	1481.0	0	0	4964
	9.9	10.0	9.220	9.219	29.720	2298	2298	1480.9	50	3	4891
	19.8	20.0	8.370	8.368	30.880	2401	2401	1479.3	92	9	3909
	29.8	30.0	0.280	0.279	31.470	2527	2527	1446.2	124	17	2707
	49.6	50.0	-0.649	-0.649	32.140	2585	2585	1443.1	172	36	2156
	74.4	75.0	-0.194W	-0.196	32.565W	2617	2617	1446.2W	222	68	1848

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 049

LAT	N48	5.80	YEAR	1968	WAVE-P/H	1404	WIND-DIR	130	WW	00	COUN	18
LONG	W 62	54.10	MONTH	6	SWEL-P/H		WIND-SPD	05	CLD-A	9	INST	10
DEPTH		65.0	DAY	21	SWEL-D		AIR-TEM	9.5			RESTR	
MARSD	SQ	151	H/M	0537	BARO	998.5	WET-BLB	9.5			UNAS	3E

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0537	0.0	0.0M	9.98 D	9.980	29.16 D	2243	2243	1482.9C	0	0	5419
0537	5.0	5.0M	9.97 D	9.969	29.15 D	2242	2242	1482.9C	27	1	5426
0537	9.9	10.0M	9.97 D	9.969	29.15 D	2242	2242	1493.0C	54	3	5427
0537	14.9	15.0M	8.77 D	8.768	29.69 D	2303	2303	1479.2C	90	6	4850
0537	19.8	20.0M	6.00 D	5.998	30.45 D	2399	2399	1469.4C	102	10	3933
0537	24.8	25.0M	2.50 D	2.499	30.78 D	2459	2459	1455.1C	120	14	3361
0537	29.8	30.0M	2.39 D	2.388	31.10 D	2485	2485	1455.1C	136	19	3111
0537	39.7	40.0M	-0.10 D	-0.100	31.64 D	2542	2542	1444.8C	165	29	2561
0537	49.6	50.0M	-0.64 D	-0.640	31.91 D	2566	2566	1442.9C	189	40	2333
0537	59.5	60.0M	-0.60 D	-0.601	32.07 D	2579	2579	1443.4C	212	52	2211
0537	61.5	62.0M	-0.60 D	-0.601	32.07 D	2579	2579	1443.5C	216	55	2211

DEPTH	PRESS	QXY
0.0	0.0M	
5.0	5.0M	675
9.9	10.0M	667
14.9	15.0M	667
19.8	20.0M	697
24.8	25.0M	
29.8	30.0M	795
39.7	40.0M	747
49.6	50.0M	659
59.5	60.0M	
61.5	62.0M	670

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.980	9.980	29.160	2243	2243	1482.9	0	0	5419
	9.9	10.0	9.970	9.969	29.150	2242	2242	1483.0	54	3	5427
	19.8	20.0	6.000	5.998	30.450	2399	2399	1469.4	102	10	3933
	29.8	30.0	2.390	2.388	31.100	2485	2485	1455.1	136	19	3111
	49.6	50.0	-0.639	-0.639	31.910	2566	2566	1442.9	189	40	2333

CRUISE NUMBER 68033

STATION NUMBER 049

DEPTH	PRESS	OXY
0.0	0.0	683
9.9	10.0	667
19.8	20.0	697
29.8	30.0	795
49.6	50.0	659

CRUISE NUMBER 68033 STATION NUMBER 050

LAT	N48	5.80	YEAR	1968	WAVE-P/H	1404	WIND-DIR	040	WW	02	COUN	18
LONG	W 63	8.90	MONTH	6	SWEL-P/H		WIND-SPD	02	CLD-A	8	INST	10
DEPTH		60.0	DAY	21	SWEL-D		AIR-TEM	9.8			RESTR	
MARSD	SQ	151	H/M	0735	BARO	998.0	WET-BLB	9.5			UNAS	30

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0735	0.0	0.0M	10.17 D	10.170	28.81 D	2213	2213	1483.1C	0	0	5709
0735	5.0	5.0M	10.18 D	10.179	28.81 D	2213	2213	1483.2C	29	1	5710
0735	9.9	10.0M	10.17 D	10.169	28.81 D	2213	2213	1483.3C	57	3	5709
0735	14.9	15.0M	7.29 D	7.289	29.84 D	2335	2335	1473.7C	83	6	4542
0735	19.8	20.0M	6.77 D	6.768	30.03 D	2356	2356	1471.9C	105	10	4336
0735	24.8	25.0M	6.36 D	6.358	30.23 D	2377	2377	1470.6C	126	15	4139
0735	29.8	30.0M	5.66 D	5.658	30.72 D	2424	2424	1468.5C	146	20	3693
0735	39.7	40.0M	1.20 D	1.198	31.59 D	2532	2532	1450.7C	177	32	2662
0735	49.6	50.0M	-0.60 D	-0.600	31.78 D	2556	2556	1442.9C	203	43	2434
0735	59.5	60.0M	-0.70 D	-0.700	32.00 D	2574	2574	1442.9C	226	56	2262

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.170	10.170	28.810	2213	2213	1483.1	0	0	5709
	9.9	10.0	10.170	10.169	28.810	2213	2213	1483.3	57	3	5709
	19.8	20.0	6.770	6.768	30.030	2356	2356	1471.9	105	10	4336
	29.8	30.0	5.660	5.658	30.720	2424	2424	1468.5	146	20	3693
	49.6	50.0	-0.599	-0.599	31.780	2556	2556	1442.9	203	43	2434

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 051

LAT	N48	5.80	YEAR	1968	WAVE-P/H	1404	WIND-DIR	340	WW	02	COUN	18
LONG	W 63	23.80	MONTH	6	SWEL-P/H		WIND-SPD	01	CLD-A	8	INST	10
DEPTH		60.0	DAY	21	SWEL-D		AIR-TEM	10.1			RESTR	
MARSD	SQ	151	H/M	0827	BARO	997.2	WET-BLB	9.4			UNAS	3C

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0827	0.0	0.0M	10.66 D	10.660	28.65 D	2192	2192	1484.7C	0	0	5903
0827	5.0	5.0M	10.66 D	10.659	28.65 D	2192	2192	1484.8C	30	1	5903
0827	9.9	10.0M	10.63 D	10.629	28.63 D	2191	2191	1484.7C	59	3	5914
0827	14.9	15.0M	9.78 D	9.778	28.91 D	2227	2227	1482.0C	88	7	5577
0827	19.8	20.0M	7.23 D	7.228	29.85 D	2336	2336	1473.5C	113	11	4528
0827	24.8	25.0M	4.62 D	4.618	30.36 D	2407	2407	1463.7C	134	16	3857
0827	29.8	30.0M	2.60 D	2.598	30.81 D	2460	2460	1455.7C	152	21	3346
0827	39.7	40.0M	0.00 D	0.000	31.23 D	2509	2509	1444.7C	183	32	2878
0827	49.6	50.0M	-0.63 D	-0.630	31.66 D	2546	2546	1442.5C	210	44	2525
0827	54.6	55.0M	-0.54 D	-0.540	31.95 D	2569	2569	1443.5C	222	51	2306
0827	59.5	60.0M	-0.40 D	-0.401	32.09 D	2580	2580	1444.4C	233	57	2203

DEPTH PRESS OXY

0.0	0.0M	
5.0	5.0M	671
9.9	10.0M	672
14.9	15.0M	679
19.8	20.0M	723
24.8	25.0M	
29.8	30.0M	800
39.7	40.0M	753
49.6	50.0M	684
54.6	55.0M	718
59.5	60.0M	

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.660	10.660	28.650	2192	2192	1484.7	0	0	5903
	9.9	10.0	10.630	10.629	28.630	2191	2191	1484.7	59	3	5914
	19.8	20.0	7.230	7.228	29.850	2336	2336	1473.5	113	11	4528
	29.8	30.0	2.600	2.598	30.810	2460	2460	1455.7	152	21	3346
	49.6	50.0	-0.629	-0.629	31.660	2546	2546	1442.5	210	44	2525

CRUISE NUMBER 68033

STATION NUMBER 051

DEPTH	PRESS	OXY
0.0	0.0	670W
9.9	10.0	672
19.8	20.0	723
29.8	30.0	800
49.6	50.0	684

CRUISE NUMBER 68033

STATION NUMBER 052

LAT	N48	5.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	320	WW	02	COUN	18
LONG	W 63	38.60	MONTH	6	SWEL-P/H	1303	WIND-SPD	01	CLD-A	8	INST	10
DEPTH		86.0	DAY	21	SWEL-D	090	AIR-TEM	10.1			RESTR	
MARSD SQ		151	H/M	0957	BARO	997.2	WET-BLB	9.4			UNAS	38

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0957	0.0	0.0M	10.25 D	10.250	28.74 D	2206	2206	1483.3C	0	0	5773
0957	5.0	5.0M	10.25 D	10.249	28.75 D	2207	2207	1483.4C	29	1	5765
0957	9.9	10.0M	10.23 D	10.229	28.75 D	2207	2207	1483.4C	58	3	5763
0957	14.9	15.0M	10.11 D	10.108	28.73 D	2208	2208	1483.0C	87	7	5760
0957	19.8	20.0M	9.60 D	9.598	28.97 D	2234	2234	1481.5C	115	12	5506
0957	24.8	25.0M	7.25 D	7.248	29.88 D	2339	2339	1473.7C	140	17	4508
0957	29.8	30.0M	5.70 D	5.698	30.46 D	2403	2403	1468.3C	161	23	3893
0957	39.7	40.0M	1.40 D	1.398	31.50 D	2524	2524	1451.5C	194	35	2743
0957	49.6	50.0M	0.10 D	0.098	32.01 D	2571	2571	1446.4C	219	46	2286
0957	59.5	60.0M	-0.16 D	-0.161	32.29 D	2595	2595	1445.8C	240	58	2060
0957	69.4	70.0M	-0.46 D	-0.461	32.44 D	2608	2608	1444.8C	260	71	1933
0957	79.4	80.0M	-0.20 D	-0.201	32.57 D	2618	2618	1446.3C	279	86	1844

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.250	10.250	28.740	2206	2206	1483.3	0	0	5773
	9.9	10.0	10.230	10.229	28.750	2207	2207	1483.4	58	3	5763
	19.8	20.0	9.600	9.598	28.970	2234	2234	1481.5	115	12	5506
	29.8	30.0	5.700	5.698	30.460	2403	2403	1468.3	161	23	3893
	49.6	50.0	0.100	0.098	32.010	2571	2571	1446.4	219	46	2286
	74.4	75.0	-0.329W	-0.330	32.505W	2613	2613	1445.6W	270	79	1889

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 053

LAT	N48 5.80	YEAR	1968	WAVE-P/H	1201	#IND-01P	290	WW	02	COUN	1M
LONG	W 63 53.50	MONTH	6	SWEL-P/H	1303	WIND-SPD	02	CLD-A	8	INST	10
DEPTH	94.0	DAY	21	SWEL-D	090	AIR-TEM	9.5			RESTR	
MARSD	SQ 151	H/M	1047	BARO	997.0	W/T-31.5	9.3			UNAS	3A

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	CHI	SVA
1047	0.0	0.0M	9.58 D	9.580	28.52 D	2199	2199	1480.6C		5837
1047	5.0	5.0M	9.58 D	9.579	28.53 D	2200	2200	1480.7C		5828
1047	9.9	10.0M	9.58 D	9.579	28.51 D	2199	2199	1480.7C		5844
1047	14.9	15.0M	8.60 D	8.599	28.75 D	2232	2232	1477.9C		5527
1047	19.8	20.0M	7.79 D	7.788	29.24 D	2281	2281	1475.0C		5054
1047	24.8	25.0M	6.80 D	6.798	30.13 D	2364	2364	1462.3C		4266
1047	29.8	30.0M	4.80 D	4.798	30.57 D	2421	2421	1464.8C		3717
1047	39.7	40.0M	1.90 D	1.898	31.29 D	2503	2503	1453.4C		2934
1047	49.6	50.0M	0.10 D	0.098	32.03 D	2573	2573	1446.4C		2274
1047	59.5	60.0M	-0.02 D	-0.021	32.07 D	2577	2577	1446.1C		2234
1047	69.4	70.0M	-0.07 D	-0.071	32.19 D	2587	2587	1446.2C		2140
1047	74.4	75.0M	-0.09 D	-0.091	32.28 D	2594	2594	1446.3C		2070
1047	89.3	90.0M								

DEPTH	PRESS	OXY
0.0	0.0M	
5.0	5.0M	686
9.9	10.0M	693
14.9	15.0M	688
19.8	20.0M	682
24.8	25.0M	
29.8	30.0M	713
39.7	40.0M	723
49.6	50.0M	677
59.5	60.0M	
69.4	70.0M	
74.4	75.0M	632
89.3	90.0M	578

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	CHI	SVA
	0.0	0.0	9.580	9.580	28.520	2199	2199	1480.6	0	5837
	9.9	10.0	9.580	9.579	28.510	2199	2199	1480.7	0	5844
	19.8	20.0	7.790	7.788	29.240	2281	2281	1475.0	11	5054
	29.8	30.0	4.800	4.798	30.570	2421	2421	1464.8	22	3717
	49.6	50.0	0.100	0.098	32.030	2573	2573	1446.4	49	2274
	74.4	75.0	-0.089	-0.090	32.280	2594	2594	1446.3	270	2070

CRUISE NUMBER 68033

STATION NUMBER 053

DEPTH	PRESS	OXY
0.0	0.0	679W
9.9	10.0	693
19.8	20.0	682
29.8	30.0	713
49.6	50.0	677
74.4	75.0	632

CRUISE NUMBER 68033

STATION NUMBER 054

LAT	N48 15.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	330	WW	02	CUUN	18
LONG W	63 53.50	MONTH	6	SWEL-P/H	1302	WIND-SPD	04	CL	04	INST	10
DEPTH	71.0	DAY	21	SWEL-D	060	AIR-TEM	10.0			RESTR	
MARSD SQ	151	H/M	1246	BARO	997.2	WET-BLB	9.3			UNAS	2A

OBSERVED

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1246	0.0	0.0M	9.67 D	9.670	29.13 D	2246	2246	1481.7C	0	0	5396
1246	5.0	5.0M	9.65 D	9.649	29.22 D	2253	2253	1481.8C	27	1	5325
1246	9.9	10.0M	9.68 D	9.679	29.69 D	2289	2289	1482.6C	53	3	4982
1246	14.9	15.0M	8.50 D	8.498	30.41 D	2363	2363	1479.1C	76	6	4276
1246	19.8	20.0M	6.00 D	5.998	30.74 D	2422	2422	1469.8C	96	8	3715
1246	24.8	25.0M	3.48 D	3.478	31.18 D	2482	2482	1459.9C	113	13	3135
1246	29.8	30.0M	2.73 D	2.728	31.34 D	2501	2501	1457.0C	128	17	2954
1246	39.7	40.0M	0.41 D	0.409	31.68 D	2543	2543	1447.2C	156	27	2552
1246	49.6	50.0M	0.25 D	0.248	32.00 D	2570	2570	1447.1C	180	38	2300
1246	59.5	60.0M	0.15 D	0.148	32.37 D	2600	2600	1447.3C	201	50	2012
1246	69.4	70.0M	0.20 D	0.198	32.42 D	2604	2604	1447.8C	221	61	1977

INTERPOLATED

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.670	9.670	29.130	2246	2246	1481.7	0	0	5396
	9.9	10.0	9.680	9.679	29.690	2289	2289	1482.6	53	3	4982
	19.8	20.0	6.000	5.998	30.740	2422	2422	1469.8	96	8	3715
	29.8	30.0	2.730	2.728	31.340	2501	2501	1457.0	128	17	2954
	49.6	50.0	0.250	0.248	32.000	2570	2570	1447.1	180	38	2300

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 055

LAT	N48 15.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	300	WW	02	COUN	18
LONG	W 63 38.60	MONTH	6	SWEL-P/H	1302	WIND-SPD	03	CLD-A	8	INST	10
DEPTH	91.0	DAY	21	SWEL-D	060	AIR-TEM	10.5			RESTR	
MARSD	SQ 151	H/M	1357	BARO	997.5	WET-BLB	9.7			UNAS	2B

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1357	0.0	0.0M	9.50 D	9.500	28.61 D	2208	2208	1480.4C	0	0	5757
1357	5.0	5.0M	9.46 D	9.459	28.64 D	2211	2211	1480.3C	29	1	5730
1357	9.9	10.0M	9.43 D	9.429	28.87 D	2229	2229	1480.6C	57	3	5554
1357	14.9	15.0M	9.02 D	9.018	29.41 D	2277	2277	1479.8C	84	6	5094
1357	19.8	20.0M	8.96 D	8.958	29.88 D	2315	2315	1480.3C	108	11	4736
1357	24.8	25.0M	7.20 D	7.198	30.10 D	2356	2356	1473.8C	131	16	4337
1357	29.8	30.0M	4.80 D	4.798	30.92 D	2449	2449	1465.2C	150	21	3453
1357	39.7	40.0M	1.20 D	1.198	31.57 D	2530	2530	1450.6C	181	32	2677
1357	49.6	50.0M	-0.42 D	-0.420	31.81 D	2557	2557	1443.7C	206	43	2417
1357	59.5	60.0M	-0.33 D	-0.331	32.16 D	2585	2585	1444.8C	229	56	2153
1357	69.4	70.0M	-0.39 D	-0.391	32.40 D	2605	2605	1445.0C	249	70	1967
1357	79.4	80.0M	0.03 D	0.027	32.64 D	2622	2622	1447.5C	268	84	1801
1357	89.3	90.0M	0.37 D	0.367	32.85 D	2638	2638	1449.5C	285	99	1657

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.500	9.500	28.610	2208	2208	1480.4	0	0	5757
	9.9	10.0	9.430	9.429	28.870	2229	2229	1480.6	57	3	5554
	19.8	20.0	8.960	8.958	29.880	2315	2315	1480.3	108	11	4736
	29.8	30.0	4.800	4.798	30.920	2449	2449	1465.2	150	21	3453
	49.6	50.0	-0.419	-0.419	31.810	2557	2557	1443.7	206	43	2417
	74.4	75.0	-0.174D	-0.176	32.520A	2614	2614	1446.3A	259	77	1881

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 056

LAT	N48 15.80	YEAR	1968	WAVE-P/H	1100	WIND-DIR	290	WW	02	COUN	15
LONG W	63 23.80	MONTH	6	SWEL-P/H	1362	WIN-S	02	CLD-A	5	INST	10
DEPTH	101.0	DAY	21	SWEL-D	060	AIR-TEM	10.0			RESTR	
MARSD SQ	151	H/M	1501	BARO	997.9	WET-BL8	9.5			UNAS	20

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEJA	CHI	SVA
1501	0.0	0.0M	9.18 D	9.180	29.18 D	2257	2257	1479.9C	0	0	5287
1501	5.0	5.0M	9.13 D	9.129	29.17 D	2257	2257	1479.8C	0	1	5287
1501	9.9	10.0M	8.57 D	8.569	29.80 D	2314	2314	1478.5C	0	3	4740
1501	14.9	15.0M	8.50 D	8.499	29.83 D	2318	2318	1478.4C	0	6	4708
1501	19.8	20.0M	8.00 D	7.998	30.65 D	2389	2389	1477.6C	0	9	4029
1501	24.8	25.0M	6.20 D	6.198	30.73 D	2418	2418	1470.7C	116	16	3743
1501	29.8	30.0M	3.40 D	3.398	30.97 D	2466	2466	1459.4C	134	19	3288
1501	39.7	40.0M	1.10 D	1.098	31.51 D	2526	2526	1450.1C	164	29	2717
1501	49.6	50.0M	-0.10 D	-0.100	31.95 D	2567	2567	1445.4C	189	41	2323
1501	59.5	60.0M	-0.56 D	-0.561	32.28 D	2596	2596	1443.9C	211	53	2052
1501	69.4	70.0M	-0.25 D	-0.251	32.49 D	2612	2612	1445.8C	240	66	1903
1501	79.4	80.0M	0.11 D	0.107	32.70 D	2627	2627	1447.9C	269	80	1759
1501	89.3	90.0M	0.57 D	0.567	32.89 D	2640	2640	1450.4C	286	95	1637
1501	95.2	96.0M	0.61 D	0.606	32.97 D	2646	2646	1450.8C	275	104	1578

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEJA	CHI	SVA
	0.0	0.0	9.180	9.180	29.180	2257	2257	1479.9	0	0	5287
	9.9	10.0	8.570	8.569	29.800	2314	2314	1478.5	0	3	4740
	19.8	20.0	8.000	7.998	30.650	2389	2389	1477.6	0	9	4029
	29.8	30.0	3.400	3.398	30.970	2466	2466	1459.4	134	19	3288
	49.6	50.0	-0.099	-0.099	31.950	2567	2567	1445.4	189	41	2323
	74.4	75.0	-0.080A	-0.083	32.595A	2620	2620	1446.7A	260	73	1830

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 057

LAT	N48 15.80	YEAR	1968	WAVE-P/H	1100	WIND-DIR	290	WW	02	COUN	18
LONG	W 63 8.90	MONTH	6	SWEL-P/H	1302	WIND-SPD	02	CLD-A	8	INST	10
DEPTH	51.0	DAY	21	SWEL-D	060	AIR-TEM	10.7			RESTR	
MARSD	SQ 151	H/M	1608	BARO	998.0	WET-BLB	9.5			UNAS	20

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1608	0.0	0.0M	9.95 D	9.950	29.29 D	2254	2254	1482.9C	0	0	5318
1608	5.0	5.0M	9.88 D	9.879	29.31 D	2256	2256	1482.8C	27	1	5293
1608	9.9	10.0M	9.30 D	9.299	29.49 D	2279	2279	1480.9C	53	3	5073
1608	14.9	15.0M	7.77 D	7.769	30.30 D	2365	2365	1476.2C	76	6	4260
1608	19.8	20.0M	6.75 D	6.748	30.58 D	2400	2400	1472.6C	96	9	3922
1608	24.8	25.0M	6.90 D	6.898	30.92 D	2425	2425	1473.7C	115	14	3687
1608	29.8	30.0M	7.30 D	7.297	31.23 D	2444	2444	1475.8C	133	19	3506
1608	39.7	40.0M	0.20 D	0.199	31.65 D	2542	2542	1446.2C	164	29	2565
1608	49.6	50.0M	-0.45 D	-0.450	32.27 D	2595	2595	1444.2C	187	40	2064

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.950	9.950	29.290	2254	2254	1482.9	0	0	5318
	9.9	10.0	9.300	9.299	29.490	2279	2279	1480.9	53	3	5073
	19.8	20.0	6.750	6.748	30.580	2400	2400	1472.6	96	9	3922
	29.8	30.0	7.300	7.297	31.230	2444	2444	1475.8	133	19	3506
	49.6	50.0	-0.449	-0.449	32.270	2595	2595	1444.2	187	40	2064

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 058

LAT	N48 15.80	YEAR	1968	WAVE-P/H	1100	WIND-DIR	290	WW	02	COUN	18
LONG W	62 54.10	MONTH	6	SWEL-P/H	1302	WIND-SPD	02	CLO-A	8	INST	10
DEPTH	72.0	DAY	21	SWEL-D	060	AIR-TEM	11.5			RESTR	
MARSD	SQ 151	H/M	1737	BARO	998.0	WET-BLB	10.0			UNAS	2E

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1737	0.0	0.0M	9.87 D	9.870	29.28 D	2254	2254	1482.6C	0	0	5314
1737	5.0	5.0M	9.86 D	9.859	29.29 D	2255	2255	1482.7C	27	1	5304
1737	9.9	10.0M	8.60 D	8.599	30.20 D	2345	2345	1479.2C	51	3	4446
1737	14.9	15.0M	8.00 D	7.999	30.44 D	2372	2372	1477.2C	72	5	4185
1737	19.8	20.0M	6.45 D	6.448	31.00 D	2437	2437	1471.9C	92	9	3572
1737	24.8	25.0M	7.00 D	6.998	31.42 D	2463	2463	1474.8C	109	13	3329
1737	29.8	30.0M	5.00 D	4.998	31.50 D	2493	2493	1466.8C	125	17	3037
1737	39.7	40.0M	-0.60 D	-0.600	31.98 D	2572	2572	1443.0C	151	25	2291
1737	49.6	50.0M	-0.52 D	-0.520	32.18 D	2588	2588	1443.8C	173	36	2130
1737	59.5	60.0M	-0.48 D	-0.481	32.32 D	2599	2599	1444.3C	194	48	2024
1737	69.4	70.0M	-0.23 D	-0.231	32.52 D	2614	2614	1445.9C	214	61	1881

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.870	9.870	29.280	2254	2254	1482.6	0	0	5314
	9.9	10.0	8.600	8.599	30.200	2345	2345	1479.2	51	3	4446
	19.8	20.0	6.450	6.448	31.000	2437	2437	1471.9	92	9	3572
	29.8	30.0	5.000	4.998	31.500	2493	2493	1466.8	125	17	3037
	49.6	50.0	-0.519	-0.519	32.180	2588	2588	1443.8	173	36	2130

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 059

LAT	N48 15.80	YEAR	1968	WAVE-P/H	1100	WIND-DIR	000	WW	47	COUN	18
LONG W	62 39.20	MONTH	6	SWEL-P/H	1302	WIND-SPD	00	CLD-A	9	INST	10
DEPTH	98.0	DAY	21	SWEL-D	060	AIR-TEM	9.5			RESTR	
MARSD SQ	151	H/M	1830	BARO	998.0	WET-BLB	9.0			UNAS	2F

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1830	0.0	0.0M	8.28 D	8.280	30.85 D	2400	2400	1478.6C	0	0	3916
1830	5.0	5.0M	8.29 D	8.290	30.85 D	2400	2400	1478.7C	20	0	3917
1830	9.9	10.0M	8.17 D	8.169	30.89 D	2405	2405	1478.4C	39	2	3872
1830	14.9	15.0M	7.92 D	7.919	30.93 D	2412	2412	1477.6C	58	4	3809
1830	19.8	20.0M	6.40 D	6.398	31.30 D	2461	2461	1472.1C	76	8	3342
1830	24.8	25.0M	1.95 D	1.949	31.84 D	2547	2547	1454.1C	91	11	2519
1830	29.8	30.0M	-0.20 D	-0.200	32.07 D	2578	2578	1444.8C	103	14	2227
1830	39.7	40.0M	-0.37 D	-0.370	32.21 D	2589	2589	1444.4C	124	22	2114
1830	49.6	50.0M	-0.42 D	-0.420	32.34 D	2600	2600	1444.5C	145	31	2012
1830	59.5	60.0M	-0.50 D	-0.501	32.46 D	2610	2610	1444.4C	164	42	1916
1830	69.4	70.0M	-0.16 D	-0.161	32.60 D	2620	2620	1446.4C	183	55	1822
1830	79.4	80.0M	0.12 D	0.117	32.73 D	2629	2629	1448.0C	201	68	1736
1830	89.3	90.0M	0.67 D	0.666	32.95 D	2644	2644	1451.0C	218	83	1597

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	8.280	8.280	30.850	2400	2400	1478.6	0	0	3916
	9.9	10.0	8.170	8.169	30.890	2405	2405	1478.4	39	2	3872
	19.8	20.0	6.400	6.398	31.300	2461	2461	1472.1	76	8	3342
	29.8	30.0	-0.199	-0.199	32.070	2578	2578	1444.8	103	14	2227
	49.6	50.0	-0.419	-0.419	32.340	2600	2600	1444.5	145	31	2012
	74.4	75.0	-0.015C	-0.016	32.665B	2625	2625	1447.2A	192	62	1779

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 060

LAT	N48 15.80	YEAR	1968	WAVE-P/H	00	WIND-DIR	000	WW	47	COUN	18
LONG W	62 24.40	MONTH	6	SWEL-P/H	1302	WIND-SPD	00	CLD-A	9	INST	10
DEPTH	68.0	DAY	21	SWEL-D	060	AIR-TEM	9.5			RESTR	
MARSD	SQ 151	H/M	1948	BARO	998.0	WET-BLB	9.0			UNAS	2G

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1948	0.0	0.0M	8.53 D	8.530	30.21 D	2347	2347	1478.7C	0	0	4428
1948	5.0	5.0M	8.53 D	8.529	30.21 D	2347	2347	1479.8C	22	1	4428
1948	9.9	10.0M	8.53 D	8.529	30.27 D	2351	2351	1479.0C	44	2	4384
1948	14.9	15.0M	7.00 D	6.999	30.60 D	2398	2398	1473.5C	65	5	3937
1948	19.8	20.0M	1.00 D	0.999	31.31 D	2511	2511	1449.1C	82	8	2965
1948	24.8	25.0M	-0.50 D	-0.500	31.60 D	2541	2541	1442.7C	96	11	2576
1948	29.8	30.0M	-0.76 D	-0.760	31.79 D	2557	2557	1441.8C	108	14	2423
1948	39.7	40.0M	-0.54 D	-0.540	32.08 D	2580	2580	1443.4C	131	23	2207
1948	49.6	50.0M	-0.48 D	-0.480	32.35 D	2601	2601	1444.2C	152	32	2002
1948	59.5	60.0M	-0.29 D	-0.291	32.47 D	2610	2610	1445.4C	172	43	1919

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	8.530	8.530	30.210	2347	2347	1478.7	0	0	4428
	9.9	10.0	8.530	8.529	30.270	2351	2351	1479.0	44	2	4384
	19.8	20.0	1.000	0.999	31.310	2511	2511	1449.1	82	8	2965
	29.8	30.0	-0.759	-0.759	31.790	2557	2557	1441.8	108	14	2423
	49.6	50.0	-0.479	-0.479	32.350	2601	2601	1444.2	152	32	2002

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 061

LAT	N48 25.80	YEAR	1968	WAVE-P/H	WIND-DIR	020	WW	45	COUN	18
LONG	W 62 24.40	MUNTH	6	SWEL-P/H	WIND-SPD	02	CLD-A	9	INST	10
DEPTH	364.0	DAY	21	SWEL-D	AIR-TEM	8.5			RESTR	
MARSD SQ	151	H/M	2051	BARO	1000.0	WET-BLB	8.5		UNAS	1G

OBSERVED

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2051	0.0	0.0M	7.83 D	7.830	31.53 D	2460	2460	1477.8C	0	0	3348
2051	5.0	5.0M	7.81 D	7.810	31.53 D	2460	2460	1477.8C	17	0	3346
2051	9.9	10.0M	7.60 D	7.599	31.52 D	2462	2462	1477.0C	33	2	3326
2051	14.9	15.0M	7.53 D	7.529	31.53 D	2464	2464	1476.8C	50	4	3310
2051	19.8	20.0M	7.09 D	7.088	31.56 D	2472	2472	1475.2C	66	7	3231
2051	24.8	25.0M	6.10 D	6.098	31.62 D	2490	2490	1471.4C	82	10	3067
2051	29.8	30.0M	0.20 D	0.199	32.06 D	2575	2575	1446.6C	96	14	2252
2051	39.7	40.0M	-0.65 D	-0.650	32.12 D	2583	2583	1442.9C	118	22	2172
2051	49.6	50.0M	-0.74 D	-0.740	32.28 D	2596	2596	1442.9C	139	32	2047
2051	59.5	60.0M	-0.67 D	-0.671	32.40 D	2606	2606	1443.6C	159	43	1957
2051	69.4	70.0M	-0.36 D	-0.361	32.54 D	2616	2616	1445.4C	178	55	1860
2051	74.4	75.0M	-0.07 D	-0.071	32.63 D	2622	2622	1446.9C	187	62	1804
2051	79.4	80.0M	0.96 D	0.957	32.78 D	2629	2629	1451.9C	196	69	1742
2051	89.3	90.0M	1.44 D	1.436	32.99 D	2643	2643	1454.5C	213	84	1614
2051	99.2	100.0M	1.46 D	1.455	33.11 D	2652	2652	1454.9C	228	99	1522
2051	124.0	125.0M	2.17 D	2.163	33.43 D	2672	2673	1458.9C	264	140	1332
2051	148.8	150.0M	2.71 D	2.701	33.69 D	2689	2689	1462.0C	295	183	1180
2051	173.6	175.0M	3.48 D	3.468	33.95 D	2703	2703	1466.1C	323	230	1056
2051	198.4	200.0M	3.90 D	3.886	34.27 D	2724	2724	1468.7C	347	275	858
2051	247.9	250.0M	4.29 D	4.272	34.42 D	2732	2732	1471.4C	388	368	791
2051	297.5	300.0M	4.31 D	4.288	34.69 D	2753	2753	1472.6C	423	465	597
2051	345.0	348.0M									

DEPTH	PRESS	OXY
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0.0	0.0M	
5.0	5.0M	705
9.9	10.0M	715
14.9	15.0M	713
19.8	20.0M	718
24.8	25.0M	
29.8	30.0M	835
39.7	40.0M	821
49.6	50.0M	760
59.5	60.0M	
69.4	70.0M	
74.4	75.0M	673
79.4	80.0M	
89.3	90.0M	
99.2	100.0M	576
124.0	125.0M	518
148.8	150.0M	450
173.6	175.0M	
198.4	200.0M	381

CRUISE NUMBER 68033 STATION NUMBER 061

DEPTH	PRESS	OXY
247.9	250.0M	380
297.5	300.0M	400
345.0	348.0M	410

INTERPOLATED

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	7.830	7.830	31.530	2460	2460	1477.8	0	0	3348
	9.9	10.0	7.600	7.599	31.520	2462	2462	1477.0	33	2	3326
	19.8	20.0	7.090	7.088	31.560	2472	2472	1475.2	66	7	3231
	29.8	30.0	0.200	0.199	32.060	2575	2575	1446.6	95	14	2252
	49.6	50.0	-0.739	-0.739	32.280	2596	2596	1442.9	139	32	2047
	74.4	75.0	-0.069	-0.070	32.630	2622	2622	1446.9	187	62	1804
	99.2	100.0	1.460	1.455	33.110	2652	2652	1454.9	228	99	1522
	124.0	125.0	2.170	2.163	33.430	2672	2673	1458.9	264	140	1332
	148.8	150.0	2.710	2.701	33.690	2689	2689	1462.0	295	183	1180
	173.6	175.0	3.480	3.468	33.950	2703	2703	1466.1	323	230	1056
	198.4	200.0	3.900	3.886	34.270	2724	2724	1468.7	347	275	858
	223.1	225.0	4.161C	4.145	34.336D	2726	2726	1470.4A	369	321	839
	247.9	250.0	4.290	4.272	34.420	2732	2732	1471.4	388	368	791
	297.5	300.0	4.310	4.288	34.690	2753	2753	1472.6	423	465	597

DEPTH	PRESS	OXY
0.0	0.0	695W
9.9	10.0	715
19.8	20.0	718
29.8	30.0	835
49.6	50.0	760
74.4	75.0	673
99.2	100.0	576
124.0	125.0	518
148.8	150.0	450
173.6	175.0	405A
198.4	200.0	381
223.1	225.0	374A
247.9	250.0	380
297.5	300.0	400

CRUISE NUMBER 68033

STATION NUMBER 062

LAT	N48 25.80	YEAR	1968	WAVE-P/H	WIND-DIR	020	WW	45	COUN	18
LONG	W 62 39.20	MONTH	6	SWEL-P/H	WIND-SPD	02	CLD-A	9	INST	10
DEPTH	320.0	DAY	21	SWEL-D	AIR-TEM	8.5			RESTR	
MARSD SQ	151	H/M	2327	BARO	1000.0	WET-BLB	8.5		UNAS	1F

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2327	0.0	0.0M	7.53 D	7.530	31.42 D	2456	2456	1476.4C	0	0	3391
2327	5.0	5.0M	7.52 D	7.520	31.47 D	2460	2460	1476.5C	17	0	3352
2327	9.9	10.0M	7.51 D	7.509	31.48 D	2460	2461	1476.6C	34	2	3343
2327	14.9	15.0M	7.42 D	7.419	31.48 D	2462	2462	1476.3C	50	4	3333
2327	19.8	20.0M	6.95 D	6.948	31.62 D	2479	2479	1474.7C	67	7	3169
2327	24.8	25.0M	3.82 D	3.818	31.82 D	2530	2530	1462.2C	81	10	2682
2327	29.8	30.0M	0.55 D	0.549	32.12 D	2578	2578	1448.3C	94	14	2224
2327	39.7	40.0M	-0.80 D	-0.800	32.20 D	2590	2590	1442.3C	115	21	2106
2327	49.6	50.0M	-0.78 D	-0.780	32.32 D	2600	2600	1442.8C	135	31	2014
2327	59.5	60.0M	-0.72 D	-0.721	32.48 D	2613	2613	1443.4C	155	41	1893
2327	69.4	70.0M	-0.79 D	-0.791	32.65 D	2627	2627	1443.5C	173	54	1761
2327	79.4	80.0M	0.05 D	0.047	32.80 D	2635	2635	1447.8C	190	67	1680
2327	89.3	90.0M	1.16 D	1.156	33.05 D	2649	2649	1453.3C	207	81	1550
2327	99.2	100.0M	1.59 D	1.585	33.24 D	2662	2662	1455.7C	222	95	1433
2327	124.0	125.0M	2.32 D	2.313	33.60 D	2685	2685	1459.8C	254	133	1215
2327	148.8	150.0M	2.90 D	2.891	33.85 D	2700	2700	1463.1C	283	173	1076
2327	173.6	175.0M	3.62 D	3.608	34.05 D	2709	2709	1466.8C	309	215	994
2327	198.4	200.0M	3.72 D	3.706	34.29 D	2727	2727	1468.0C	332	259	826
2327	247.9	250.0M	3.91 D	3.892	34.45 D	2738	2738	1469.8C	370	346	729
2327	297.5	300.0M	4.18 D	4.158	34.60 D	2747	2747	1472.0C	404	443	650

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	7.530	7.530	31.420	2456	2456	1476.4	0	0	3391
	9.9	10.0	7.510	7.509	31.480	2460	2461	1476.6	34	2	3343
	19.8	20.0	6.950	6.948	31.620	2479	2479	1474.7	67	7	3169
	29.8	30.0	0.550	0.549	32.120	2578	2578	1448.3	94	14	2224
	49.6	50.0	-0.779	-0.779	32.320	2600	2600	1442.8	135	31	2014
	74.4	75.0	-0.449E	-0.452	32.726B	2631	2631	1445.3A	182	61	1721
	99.2	100.0	1.590	1.585	33.240	2662	2662	1455.7	222	95	1433
	124.0	125.0	2.320	2.313	33.600	2685	2685	1459.8	254	133	1215
	148.8	150.0	2.900	2.891	33.850	2700	2700	1463.1	283	173	1076
	173.6	175.0	3.620	3.608	34.050	2709	2709	1466.8	309	215	994
	198.4	200.0	3.720	3.706	34.290	2727	2727	1468.0	332	259	826
	223.1	225.0	3.816A	3.800	34.373C	2733	2733	1468.9A	352	303	773
	247.9	250.0	3.910	3.892	34.450	2738	2738	1469.8	370	346	729
	297.5	300.0	4.180	4.158	34.600	2747	2747	1472.0	404	443	650

CRUISE NUMBER 68033 STATION NUMBER 063

LAT	N48 25.80	YEAR	1968	WAVE-P/H	0501	WIND-DIR	350	WW	01	CUUN	18
LONG W	62 54.10	MONTH	6	SWEL-P/H	1203	WIND-SPD	10	CLD-A	8	INST	10
DEPTH	126.0	DAY	22	SWEL-D	020	AIR-TEM	7.8			RESTR	
MARSD SQ	151	H/M	0052	BARO	1003.0	WET-BLB	7.0			UNAS	1E

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0052	0.0	0.0M	7.95 D	7.950	31.12 D	2426	2426	1477.7C	0	0	3670
0052	5.0	5.0M	7.95 D	7.950	31.12 D	2426	2426	1477.8C	18	0	3670
0052	9.9	10.0M	7.91 D	7.909	31.21 D	2434	2434	1477.8C	37	2	3598
0052	14.9	15.0M	7.60 D	7.599	31.31 D	2446	2446	1476.8C	54	4	3483
0052	19.8	20.0M	4.65 D	4.649	31.87 D	2526	2526	1465.7C	70	7	2723
0052	24.8	25.0M	2.40 D	2.399	32.02 D	2558	2558	1456.4C	83	10	2414
0052	29.8	30.0M	-0.26 D	-0.260	32.14 D	2583	2583	1444.6C	94	13	2172
0052	39.7	40.0M	-0.66 D	-0.660	32.29 D	2597	2597	1443.1C	115	20	2042
0052	49.6	50.0M	-0.41 D	-0.410	32.43 D	2607	2607	1444.6C	135	30	1943
0052	59.5	60.0M	-0.24 D	-0.241	32.53 D	2615	2615	1445.7C	154	40	1873
0052	69.4	70.0M	0.01 D	0.008	32.66 D	2624	2624	1447.2C	172	52	1785
0052	74.4	75.0M	0.18 D	0.177	32.74 D	2630	2630	1448.2C	181	59	1732
0052	79.4	80.0M	0.34 D	0.337	32.84 D	2637	2637	1449.2C	190	66	1663
0052	89.3	90.0M	1.20 D	1.196	33.10 D	2653	2653	1453.6C	205	79	1514
0052	99.2	100.0M	1.49 D	1.485	33.30 D	2667	2667	1455.3C	220	93	1381
0052	123.0	124.0M	1.65 D	1.644	33.40 D	2674	2674	1456.5C	252	130	1317

DEPTH	PRESS	OXY
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0.0	0.0M	
5.0	5.0M	703
9.9	10.0M	718
14.9	15.0M	718
19.8	20.0M	765
24.8	25.0M	
29.8	30.0M	805
39.7	40.0M	779
49.6	50.0M	696
59.5	60.0M	
69.4	70.0M	
74.4	75.0M	627
79.4	80.0M	
89.3	90.0M	
99.2	100.0M	501
123.0	124.0M	469

CRUISE NUMBER 68033 STATION NUMBER 063

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	7.950	7.950	31.120	2426	2426	1477.7	0	0	3670
	9.9	10.0	7.910	7.909	31.210	2434	2434	1477.8	37	2	3598
	19.8	20.0	4.650	4.649	31.870	2526	2526	1465.7	70	7	2723
	29.8	30.0	-0.259	-0.259	32.140	2583	2583	1444.6	94	13	2172
	49.6	50.0	-0.409	-0.409	32.430	2607	2607	1444.6	135	30	1943
	74.4	75.0	0.180	0.177	32.740	2630	2630	1448.2	181	59	1732
	99.2	100.0	1.490	1.485	33.300	2667	2667	1455.3	220	93	1381
	124.0	125.0	1.657W	1.651	33.404W	2674	2674	1456.6W	253	132	1314

DEPTH	PRESS	OXY
0.0	0.0	688W
9.9	10.0	718
19.8	20.0	765
29.8	30.0	805
49.6	50.0	696
74.4	75.0	627
99.2	100.0	501
124.0	125.0	468W

CRUISE NUMBER 68033 STATION NUMBER 064

LAT	N48 25.80	YEAR	1968	WAVE-P/H	0501	WIND-DIR	350	WW	02	COUN	18
LONG W	63 8.90	MONTH	6	SWEL-P/H	1203	WIND-SPD	10	CLD-A	8	INST	10
DEPTH	55.0	DAY	22	SWEL-D	020	AIR-TEM	9.8			RESTR	
MARSD SQ	151	H/M	0246	BARO	1004.0	WET-8LB	7.4			UNAS	10

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEUA	CHI	SVA
0246	0.0	0.0M	8.55 D	8.550	30.18 D	2344	2344	1478.8C	0	0	4452
0246	5.0	5.0M	8.55 D	8.549	30.21 D	2346	2346	1478.9C	22	1	4430
0246	9.9	10.0M	8.06 D	8.059	30.74 D	2395	2395	1477.8C	43	2	3969
0246	14.9	15.0M	7.90 D	7.899	31.12 D	2427	2427	1477.7C	62	5	3665
0246	19.8	20.0M	6.60 D	6.598	31.59 D	2481	2481	1473.3C	79	8	3148
0246	24.8	25.0M	5.18 D	5.178	31.74 D	2510	2510	1467.8C	94	11	2875
0246	29.8	30.0M	2.55 D	2.548	31.99 D	2555	2555	1457.1C	108	15	2448
0246	39.7	40.0M	-0.08 D	-0.080	32.16 D	2584	2584	1445.6C	130	23	2164
0246	49.6	50.0M	-0.41 D	-0.410	32.32 D	2598	2598	1444.5C	151	32	2027

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEUA	CHI	SVA
	0.0	0.0	8.550	8.550	30.180	2344	2344	1478.8	0	0	4452
	9.9	10.0	8.060	8.059	30.740	2395	2395	1477.8	43	2	3969
	19.8	20.0	6.600	6.598	31.590	2481	2481	1473.3	79	8	3148
	29.8	30.0	2.550	2.548	31.990	2555	2555	1457.1	108	15	2448
	49.6	50.0	-0.409	-0.409	32.320	2598	2598	1444.5	151	32	2027

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 065

LAT	N48 25.80	YEAR	1968	WAVE-P/H	0502	WIND-DIR	350	WW	60	COUN	18
LONG	W 63 23.80	MONTH	6	SWEL-P/H		WIND-SPD	10	CLD-A	8	INST	10
DEPTH	114.0	DAY	22	SWEL-D		AIR-TEM	9.5			RESTR	
MARSD	SQ 151	H/M	0426	BARO	1005.2	WET-BLB	7.8			UNAS	1C

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0426	0.0	0.0M	9.05 D	9.050	28.99 D	2244	2244	1479.2C	0	0	5409
0426	5.0	5.0M	9.02 D	9.019	29.01 D	2246	2246	1479.2C	27	1	5390
0426	9.9	10.0M	8.71 D	8.709	29.34 D	2276	2276	1478.5C	53	3	5102
0426	14.9	15.0M	7.80 D	7.799	30.78 D	2402	2402	1476.9C	76	6	3905
0426	19.8	20.0M	4.48 D	4.479	31.17 D	2472	2472	1464.1C	94	9	3233
0426	24.8	25.0M	3.22 D	3.219	31.49 D	2509	2509	1459.2C	109	12	2879
0426	29.8	30.0M	4.15 D	4.148	31.81 D	2526	2526	1463.7C	123	16	2720
0426	39.7	40.0M	0.46 D	0.459	32.05 D	2573	2573	1448.0C	148	25	2272
0426	49.6	50.0M	-0.35 D	-0.350	32.30 D	2597	2597	1444.7C	169	35	2045
0426	59.5	60.0M	-0.47 D	-0.471	32.39 D	2604	2604	1444.5C	189	46	1972
0426	69.4	70.0M	-0.20 D	-0.201	32.56 D	2617	2617	1446.1C	208	59	1851
0426	74.4	75.0M	-0.05 D	-0.051	32.59 D	2619	2619	1446.9C	218	65	1835
0426	79.4	80.0M	0.16 D	0.157	32.70 D	2627	2627	1448.1C	227	73	1761
0426	89.3	90.0M	0.44 D	0.437	32.88 D	2640	2640	1449.8C	244	87	1637
0426	99.2	100.0M	0.63 D	0.626	32.99 D	2647	2648	1451.0C	260	103	1564
0426	109.1	110.0M	0.70 D	0.696	33.10 D	2656	2656	1451.6C	275	119	1483

DEPTH	PRESS	OXY
0.0	0.0M	
5.0	5.0M	693
9.9	10.0M	695
14.9	15.0M	708
19.8	20.0M	762
24.8	25.0M	
29.8	30.0M	782
39.7	40.0M	825
49.6	50.0M	789
59.5	60.0M	
69.4	70.0M	
74.4	75.0M	706
79.4	80.0M	
89.3	90.0M	
99.2	100.0M	581
109.1	110.0M	551

CRUISE NUMBER 68033

STATION NUMBER 065

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGPT	SGPT	SOUND	GEOA	CHI	SWA
	0.0	0.0	9.050	9.050	28.990	2244	2244	1479.2	0	0	5409
	9.9	10.0	8.710	8.709	29.340	2276	2276	1478.5	53	3	5102
	19.8	20.0	4.480	4.479	31.170	2472	2472	1464.1	94	9	3233
	29.8	30.0	4.150	4.148	31.810	2526	2526	1463.7	123	16	2720
	49.6	50.0	-0.349	-0.349	32.300	2597	2597	1444.7	169	35	2045
	79.4	75.0	-0.049	-0.050	32.590	2619	2619	1446.9	218	65	1835
	99.2	100.0	0.630	0.626	32.990	2647	2648	1451.0	260	103	1564

DEPTH	PRESS	OXY
0.0	0.0	691W
9.9	10.0	695
19.8	20.0	762
29.8	30.0	782
49.6	50.0	789
79.4	75.0	706
99.2	100.0	581

CRUISE NUMBER 68033 STATION NUMBER 066

LAT	N48 25.80	YEAR	1968	WAVE-P/H	0504	WIND-DIR	350	WW	01	COUN	18
LONG	W 63 38.60	MONTH	6	SWEL-P/H		WIND-SPD	09	CLD-A	8	INST	10
DEPTH	124.0	DAY	22	SWEL-D		AIR-TEM	9.5			RESTR	
MARSD	SQ 151	H/M	0525	BARO	1007.0	WET-BLB	8.0			UNAS	18

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0525	0.0	0.0M	9.35 D	9.350	29.32 D	2265	2265	1480.7C	0	0	5207
0525	5.0	5.0M	9.34 D	9.339	29.33 D	2266	2266	1480.8C	26	1	5198
0525	9.9	10.0M	9.34 D	9.339	29.35 D	2268	2268	1480.9C	52	3	5184
0525	14.9	15.0M	9.15 D	9.148	29.55 D	2286	2286	1480.5C	78	6	5009
0525	19.8	20.0M	6.15 D	6.148	30.02 D	2363	2363	1469.4C	101	10	4272
0525	24.8	25.0M	5.04 D	5.038	30.48 D	2412	2412	1465.6C	121	15	3808
0525	29.8	30.0M	2.60 D	2.598	31.20 D	2491	2491	1456.2C	138	19	3050
0525	39.7	40.0M	0.59 D	0.589	31.78 D	2551	2551	1448.2C	165	29	2484
0525	49.6	50.0M	-0.05 D	-0.051	32.14 D	2583	2583	1445.9C	189	40	2180
0525	59.5	60.0M	-0.19 D	-0.191	32.30 D	2596	2596	1445.6C	210	51	2052
0525	69.4	70.0M	-0.10 D	-0.101	32.53 D	2614	2614	1446.5C	229	64	1879
0525	79.4	80.0M	0.17 D	0.167	32.71 D	2627	2627	1448.2C	247	78	1753
0525	89.3	90.0M	0.37 D	0.367	32.82 D	2635	2635	1449.4C	265	93	1679
0525	99.2	100.0M	0.59 D	0.586	32.98 D	2647	2647	1450.8C	281	109	1569
0525	119.0	120.0M	1.40 D	1.394	33.37 D	2673	2673	1455.3C	310	141	1322

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.350	9.350	29.320	2265	2265	1480.7	0	0	5207
	9.9	10.0	9.340	9.339	29.350	2268	2268	1480.9	52	3	5184
	19.8	20.0	6.150	6.148	30.020	2363	2363	1469.4	101	10	4272
	29.8	30.0	2.600	2.598	31.200	2491	2491	1456.2	138	19	3050
	49.6	50.0	-0.049	-0.050	32.140	2583	2583	1445.9	189	40	2180
	74.4	75.0	0.043B	0.041	32.628A	2621	2621	1447.4A	238	71	1810
	99.2	100.0	0.590	0.586	32.980	2647	2647	1450.8	281	109	1569

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 067

LAT	N48 25.80	YEAR	1968	WAVE-P/H	0504	WIND-DIR	350	WW	02	COUN	18
LONG	W 63 53.50	MONTH	6	SWEL-P/H		WIND-SPD	07	CLD-A	8	INST	10
DEPTH	100.0	DAY	22	SWEL-D		AIR-TEM	9.0			RESTR	
MARSD SQ	151	H/M	0628	BARO	1008.0	WET-BLB	8.5			UNAS	1A

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0628	0.0	0.0M	9.37 D	9.370	29.32 D	2265	2265	1480.8C	0	0	5210
0628	5.0	5.0M	9.37 D	9.369	29.32 D	2265	2265	1480.9C	26	1	5210
0628	9.9	10.0M	9.37 D	9.369	29.34 D	2266	2266	1481.0C	52	3	5196
0628	14.9	15.0M	8.75 D	8.748	30.32 D	2352	2352	1480.0C	76	6	4378
0628	19.8	20.0M	7.53 D	7.528	30.52 D	2385	2385	1475.6C	97	9	4065
0628	24.8	25.0M	6.50 D	6.498	30.79 D	2419	2420	1471.9C	117	14	3735
0628	29.8	30.0M	3.60 D	3.598	31.23 D	2485	2485	1460.6C	134	19	3108
0628	39.7	40.0M	0.90 D	0.898	31.96 D	2563	2563	1449.8C	161	28	2363
0628	49.6	50.0M	0.27 D	0.268	32.06 D	2575	2575	1447.3C	184	39	2255
0628	59.5	60.0M	0.05 D	0.048	32.27 D	2593	2593	1446.7C	205	51	2085
0628	69.4	70.0M	-0.15 D	-0.151	32.40 D	2604	2604	1446.1C	226	64	1976
0628	74.4	75.0M	-0.10 D	-0.101	32.45 D	2608	2608	1446.5C	235	71	1940
0628	79.4	80.0M	-0.10 D	-0.101	32.50 D	2612	2612	1446.7C	245	79	1902
0628	89.3	90.0M	-0.05 D	-0.052	32.57 D	2617	2617	1447.2C	264	95	1850
0628	97.2	98.0M									

DEPTH	PRESS	OXY
0.0	0.0M	
5.0	5.0M	683
9.9	10.0M	637
14.9	15.0M	565
19.8	20.0M	658
24.8	25.0M	
29.8	30.0M	688
39.7	40.0M	785
49.6	50.0M	759
59.5	60.0M	
69.4	70.0M	
74.4	75.0M	692
79.4	80.0M	
89.3	90.0M	
97.2	98.0M	634

CRUISE NUMBER 68033 STATION NUMBER 067

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.370	9.370	29.320	2265	2265	1480.8	0	0	5210
	9.9	10.0	9.370	9.369	29.340	2266	2266	1481.0	52	3	5196
	19.8	20.0	7.530	7.528	30.520	2385	2385	1475.6	97	9	4065
	29.8	30.0	3.600	3.598	31.230	2485	2485	1460.6	134	19	3108
	49.6	50.0	0.270	0.268	32.060	2575	2575	1447.3	184	39	2255
	74.4	75.0	-0.099	-0.100	32.450	2608	2608	1446.5	235	71	1940

DEPTH	PRESS	OXY
0.0	0.0	729W
9.9	10.0	637
19.8	20.0	658
29.8	30.0	688
49.6	50.0	759
74.4	75.0	692

CRUISE NUMBER 68033 STATION NUMBER 068

LAT	N48	5.80	YEAR	1968	WAVE-P/H	1403	WIND-DIR	350	WW	02	CUUN	18	
LONG	W	62	54.10	MONTH	6	SWEL-P/H		WIND-SPD	07	CLO-A	8	INST	10
DEPTH		65.0	DAY	22	SWEL-D		AIR-TEM	9.0			RESTR		
MARSD	SQ	151	H/M	1130	BARO	1008.0	WET-BLB	8.5			UNAS	3E	

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1130	0.0	0.0M	8.96 D	8.960	29.99 D	2323	2323	1480.1C	0	0	4652
1130	5.0	5.0M	8.94 D	8.939	29.98 D	2323	2323	1480.1C	23	1	4656
1130	9.9	10.0M	8.95 D	8.949	29.98 D	2323	2323	1480.2C	47	2	4659
1130	14.9	15.0M	8.93 D	8.928	30.00 D	2325	2325	1480.2C	70	5	4641
1130	19.8	20.0M	7.90 D	7.898	30.23 D	2357	2357	1476.7C	92	9	4329
1130	24.8	25.0M	4.07 D	4.068	30.70 D	2439	2439	1461.8C	112	14	3550
1130	29.8	30.0M	3.57 D	3.568	30.97 D	2465	2465	1460.1C	129	19	3301
1130	39.7	40.0M	0.20 D	0.199	31.11 D	2499	2499	1445.5C	161	30	2978
1130	49.6	50.0M	-0.58 D	-0.580	31.70 D	2549	2549	1442.8C	188	42	2496
1130	59.5	60.0M	-0.60 D	-0.601	32.09 D	2581	2581	1443.5C	211	55	2196

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	8.960	8.960	29.990	2323	2323	1480.1	0	0	4652
	9.9	10.0	8.950	8.949	29.980	2323	2323	1480.2	47	2	4659
	19.8	20.0	7.900	7.898	30.230	2357	2357	1476.7	92	9	4329
	29.8	30.0	3.570	3.568	30.970	2465	2465	1460.1	129	19	3301
	49.6	50.0	-0.579	-0.579	31.700	2549	2549	1442.8	188	42	2496

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 069

LAT	N48	0.80	YEAR	1968	WAVE-P/H	1403	WIND-DIR	320	WW	02	COUN	18
LONG	W 62	46.70	MONTH	6	SWEL-P/H		WIND-SPD	08	CLD-A	8	INST	10
DEPTH		83.0	DAY	22	SWEL-D		AIR-TEM	10.0			RESTR	
MARSD	SQ	151	H/M	1215	BARO	1010.0	WET-BLB	7.0			UNAS	3E 4F

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1215	0.0	0.0M	9.40 D								
1215	5.0	5.0M	9.30 D								
1215	9.9	10.0M	8.00 D								
1215	14.9	15.0M	5.50 D								
1215	19.8	20.0M	3.80 D								
1215	24.8	25.0M	2.30 D								
1215	29.8	30.0M	0.50 D								
1215	39.7	40.0M	-0.80 D								
1215	49.6	50.0M	-0.80 D								
1215	59.5	60.0M	-0.80 D								
1215	69.4	70.0M	-0.70 D								
1215	79.4	80.0M	-0.60 D								

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.400								
	9.9	10.0	8.000								
	19.8	20.0	3.800								
	29.8	30.0	0.500								
	49.6	50.0	-0.799								
	74.4	75.0	-0.649W								

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 070

LAT	N47 55.80	YEAR	1968	WAVE-P/H	1303	WIND-DIR	320	WW	01	COUN	18
LONG W	62 39.20	MONTH	6	SWEL-P/H		WIND-SPD	08	CLD-A	6	INST	10
DEPTH	58.0	DAY	22	SWEL-D		AIR-TEM	10.0			RESTR	
MARSD SQ	151	H/M	1324	BARO	1010.0	WET-BLB	7.0			UNAS	4F

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVa
1324	0.0	0.0M	9.20 D	9.200	29.89 D	2312	2312	1480.9C	0	0	4761
1324	5.0	5.0M	9.31 D	9.309	29.81 D	2304	2304	1481.3C	24	1	4837
1324	9.9	10.0M	9.23 D	9.229	29.87 D	2310	2310	1481.1C	48	2	4781
1324	14.9	15.0M	8.71 D	8.708	30.10 D	2336	2336	1479.5C	71	5	4536
1324	19.8	20.0M	6.97 D	6.968	30.41 D	2384	2384	1473.2C	93	9	4076
1324	29.8	30.0M	2.89 D	2.888	31.21 D	2490	2490	1457.5C	129	18	3065
1324	39.7	40.0M	-0.56 D	-0.560	31.55 D	2537	2537	1442.6C	157	28	2613
1324	49.6	50.0M	-0.59 D	-0.590	32.03 D	2576	2576	1443.3C	181	39	2243

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVa
	0.0	0.0	9.200	9.200	29.890	2312	2312	1480.9	0	0	4761
	9.9	10.0	9.230	9.229	29.870	2310	2310	1481.1	48	2	4781
	19.8	20.0	6.970	6.968	30.410	2384	2384	1473.2	93	9	4076
	29.8	30.0	2.890	2.888	31.210	2490	2490	1457.5	129	18	3065
	49.6	50.0	-0.589	-0.589	32.030	2576	2576	1443.3	181	39	2243

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 071

LAT	N47 51.00	YEAR	1968	WAVE-P/H	1201	WIND-DIR	320	WW	01	COUN	18
LONG	W 62 41.50	MONTH	6	SWEL-P/H	1303	WIND-SPD	08	CLD-A	2	INST	10
DEPTH	64.0	DAY	22	SWEL-D	340	AIR-TEM	10.5			RESTR	
MARSD SQ	151	H/M	1409	BARO	1010.0	WET-BLB	7.5			UNAS	4F 5F

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1409	0.0	0.0M	9.46 D	9.460	30.04 D	2320	2320	1482.0C	0	0	4687
1409	5.0	5.0M	9.45 D	9.449	30.04 D	2320	2320	1482.1C	23	1	4686
1409	9.9	10.0M	9.43 D	9.429	30.05 D	2321	2321	1482.1C	47	2	4676
1409	14.9	15.0M	9.41 D	9.408	30.05 D	2321	2321	1482.1C	70	5	4674
1409	19.8	20.0M	8.60 D	8.598	30.30 D	2353	2353	1479.5C	93	9	4373
1409	24.8	25.0M	4.00 D	3.998	31.08 D	2470	2470	1462.0C	112	14	3256
1409	29.8	30.0M	2.09 D	2.089	31.47 D	2517	2517	1454.3C	127	18	2810
1409	39.7	40.0M	-0.25 D	-0.250	31.80 D	2556	2556	1444.3C	153	27	2432
1409	49.6	50.0M	-0.81 D	-0.810	32.09 D	2581	2581	1442.3C	176	38	2190
1409	59.5	60.0M	-0.80 D	-0.800	32.13 D	2585	2585	1442.6C	198	50	2158

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.460	9.460	30.040	2320	2320	1482.0	0	0	4687
	9.9	10.0	9.430	9.429	30.050	2321	2321	1482.1	47	2	4676
	19.8	20.0	8.600	8.598	30.300	2353	2353	1479.5	93	9	4373
	29.8	30.0	2.090	2.089	31.470	2517	2517	1454.3	127	18	2810
	49.6	50.0	-0.809	-0.809	32.090	2581	2581	1442.3	176	38	2190

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 072

LAT	N47 45.80	YEAR	1968	WAVE-P/H	1302	WIND-DIR	320	WW	02	COUN	18
LONG	W 62 39.20	MONTH	6	SWEL-P/H	1404	WIND-SPD	07	CLD-A	2	INST	10
DEPTH	62.0	DAY	22	SWEL-D	340	AIR-TEM	9.6			RESTR	
MARSD SQ	151	H/M	1502	BARO	1010.0	WET-BLB	8.0			UNAS	5F

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1502	0.0	0.0M	9.55 D	9.550	30.09 D	2322	2322	1482.4C	0	0	4664
1502	5.0	5.0M	9.55 D	9.549	30.09 D	2322	2322	1482.5C	23	1	4664
1502	9.9	10.0M	9.53 D	9.529	30.09 D	2322	2322	1482.5C	47	2	4662
1502	14.9	15.0M	9.46 D	9.458	30.12 D	2326	2326	1482.4C	70	5	4630
1502	19.8	20.0M	7.30 D	7.298	31.83 D	2491	2491	1476.4C	89	9	3057
1502	24.8	25.0M	2.55 D	2.549	31.42 D	2509	2509	1456.2C	104	12	2880
1502	29.8	30.0M	3.00 D	2.998	31.61 D	2521	2521	1458.5C	118	16	2770
1502	39.7	40.0M	-0.73 D	-0.730	31.74 D	2553	2553	1442.0C	144	25	2461
1502	49.6	50.0M	-0.95 D	-0.950	32.02 D	2576	2576	1441.6C	168	36	2239
1502	59.5	60.0M	-0.81 D	-0.810	32.15 D	2586	2586	1442.6C	190	48	2143

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.550	9.550	30.090	2322	2322	1482.4	0	0	4664
	9.9	10.0	9.530	9.529	30.090	2322	2322	1482.5	47	2	4662
	19.8	20.0	7.300	7.298	31.830	2491	2491	1476.4	89	9	3057
	29.8	30.0	3.000	2.998	31.610	2521	2521	1458.5	118	16	2770
	49.6	50.0	-0.949	-0.949	32.020	2576	2576	1441.6	168	36	2239

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 073

LAT	N47 35.80	YEAR	1968	WAVE-P/H	1302	WIND-DIR	320	WW	02	COUN	18
LONG W	62 39.20	MONTH	6	SWEL-P/H	1404	WIND-SPD	05	CLD-A	2	INST	10
DEPTH	71.0	DAY	22	SWEL-D	340	AIR-TEM	11.0			RESTR	
MARSD SQ	151	H/M	1622	BARO	1010.7	WET-BLB	9.0			UNAS	6F

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1622	0.0	0.0M	9.80 D	9.800	30.08 D	2317	2317	1483.4C	0	0	4708
1622	5.0	5.0M	9.80 D	9.799	30.07 D	2317	2317	1483.4C	24	1	4716
1622	9.9	10.0M	9.69 D	9.689	30.10 D	2321	2321	1483.1C	47	2	4678
1622	14.9	15.0M	8.50 D	8.499	30.25 D	2350	2350	1478.9C	70	5	4395
1622	19.8	20.0M	4.00 D	3.999	31.01 D	2464	2464	1461.8C	89	9	3309
1622	24.8	25.0M	2.50 D	2.499	31.27 D	2498	2498	1455.8C	105	12	2990
1622	29.8	30.0M	1.25 D	1.249	31.41 D	2517	2517	1450.5C	119	16	2802
1622	39.7	40.0M	-0.78 D	-0.780	31.81 D	2559	2559	1441.9C	145	26	2406
1622	49.6	50.0M	-1.10 D	-1.100	31.99 D	2574	2574	1440.8C	168	36	2258
1622	59.5	60.0M	-1.09 D	-1.090	32.09 D	2582	2582	1441.2C	191	49	2180

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.800	9.800	30.080	2317	2317	1483.4	0	0	4708
	9.9	10.0	9.690	9.689	30.100	2321	2321	1483.1	47	2	4678
	19.8	20.0	4.000	3.999	31.010	2464	2464	1461.8	89	9	3309
	29.8	30.0	1.250	1.249	31.410	2517	2517	1450.5	119	16	2802
	49.6	50.0	-1.099	-1.099	31.990	2574	2574	1440.8	168	36	2258

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 074

LAT	N47 25.80	YEAR	1968	WAVE-P/H	1302	WIND-DIR	300	WW	03	COUN	18
LONG	W 62 39.20	MONTH	6	SWEL-P/H	1404	WIND-SPD	05	CLD-A	6	INST	10
DEPTH	61.0	DAY	22	SWEL-D	340	AIR-TEM	11.8			RESTR	
MARSD SO	151	H/M	1719	BARO	1012.0	WET-BLB	9.5			UNAS	7F

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1719	0.0	0.0M	9.90 D	9.900	30.82 D	2373	2373	1484.7C	0	0	4175
1719	5.0	5.0M	9.90 D	9.899	30.82 D	2373	2373	1484.8C	21	1	4175
1719	9.9	10.0M	9.73 D	9.729	30.85 D	2378	2378	1484.2C	42	2	4128
1719	14.9	15.0M	9.67 D	9.668	30.82 D	2377	2377	1484.1C	62	5	4141
1719	19.8	20.0M	8.00 D	7.998	31.12 D	2425	2426	1478.2C	82	8	3679
1719	24.8	25.0M	2.70 D	2.699	31.46 D	2511	2511	1456.9C	98	12	2861
1719	29.8	30.0M	0.60 D	0.599	31.68 D	2542	2542	1447.9C	112	16	2562
1719	39.7	40.0M	-0.61 D	-0.610	31.86 D	2562	2562	1442.8C	136	24	2373
1719	49.6	50.0M	-1.16 D	-1.160	31.88 D	2565	2565	1440.4C	160	35	2340
1719	59.5	60.0M	-0.99 D	-0.990	32.06 D	2579	2579	1441.6C	183	48	2207

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.900	9.900	30.820	2373	2373	1484.7	0	0	4175
	9.9	10.0	9.730	9.729	30.850	2378	2378	1484.2	42	2	4128
	19.8	20.0	8.000	7.998	31.120	2425	2426	1478.2	82	8	3679
	29.8	30.0	0.600	0.599	31.680	2542	2542	1447.9	112	16	2562
	49.6	50.0	-1.159	-1.159	31.880	2565	2565	1440.4	160	35	2340

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 075

LAT	N47 15.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	300	WW	02	COUN	18
LONG	W 62 39.20	MONTH	6	SWEL-P/H	1403	WIND-SPD	05	CLD-A	4	INST	10
DEPTH	62.0	DAY	22	SWEL-D	340	AIR-TEM	11.5			RESTR	
MARSD SQ	151	H/M	1817	BARO	1013.0	WET-BLB	9.5			UNAS	8F

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1817	0.0	0.0M	10.10 D	10.100	30.71 D	2362	2362	1485.3C	0	0	4287
1817	5.0	5.0M	10.10 D	10.099	30.69 D	2360	2360	1485.3C	21	1	4302
1817	9.9	10.0M	9.96 D	9.959	30.69 D	2362	2362	1484.9C	43	2	4281
1817	14.9	15.0M	9.76 D	9.758	30.67 D	2364	2364	1484.2C	64	5	4266
1817	19.8	20.0M	5.50 D	5.498	31.26 D	2468	2468	1468.4C	83	8	3269
1817	24.8	25.0M	1.80 D	1.799	31.57 D	2527	2527	1453.1C	98	12	2714
1817	29.8	30.0M	0.80 D	0.799	31.62 D	2537	2537	1448.7C	111	15	2617
1817	39.7	40.0M	-0.90 D	-0.900	31.77 D	2556	2556	1441.3C	137	24	2433
1817	49.6	50.0M	-1.00 D	-1.000	32.03 D	2577	2577	1441.3C	160	35	2230
1817	59.5	60.0M	-1.07 D	-1.070	32.18 D	2589	2589	1441.4C	182	47	2112

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.100	10.100	30.710	2362	2362	1485.3	0	0	4287
	9.9	10.0	9.960	9.959	30.690	2362	2362	1484.9	43	2	4281
	19.8	20.0	5.500	5.498	31.260	2468	2468	1468.4	83	8	3269
	29.8	30.0	0.800	0.799	31.620	2537	2537	1448.7	111	15	2617
	49.6	50.0	-0.999	-0.999	32.030	2577	2577	1441.3	160	35	2230

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 076

LAT	N47	5.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	300	WW	02	COUN	18
LONG W	62	24.40	MONTH	6	SWEL-P/H	1403	WIND-SPD	05	CLD-A	2	INST	10
DEPTH		57.0	DAY	22	SWEL-D	340	AIR-TEM	11.5			RESTR	
MARSD SQ		151	H/M	1926	BARO	1012.7	WET-BLB	9.5			UNAS	9G

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1926	0.0	0.0M	9.06 D	9.060	31.16 D	2413	2413	1482.0C	0	0	3796
1926	5.0	5.0M	9.06 D	9.059	31.16 D	2413	2413	1482.1C	19	0	3796
1926	9.9	10.0M	8.82 D	8.819	31.17 D	2417	2417	1481.2C	38	2	3754
1926	14.9	15.0M	8.68 D	8.678	31.16 D	2419	2419	1480.8C	57	4	3742
1926	19.8	20.0M	6.00 D	5.998	31.34 D	2469	2469	1470.6C	74	7	3265
1926	24.8	25.0M	1.00 D	0.999	31.59 D	2533	2533	1449.5C	89	11	2651
1926	29.8	30.0M	-0.10 D	-0.100	31.70 D	2547	2547	1444.7C	102	14	2515
1926	39.7	40.0M	-0.97 D	-0.970	31.81 D	2559	2559	1441.0C	126	23	2400
1926	49.6	50.0M	-1.17 D	-1.170	31.95 D	2571	2571	1440.4C	150	34	2286

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.060	9.060	31.160	2413	2413	1482.0	0	0	3796
	9.9	10.0	8.820	8.819	31.170	2417	2417	1481.2	38	2	3754
	19.8	20.0	6.000	5.998	31.340	2469	2469	1470.6	74	7	3265
	29.8	30.0	-0.099	-0.099	31.700	2547	2547	1444.7	102	14	2515
	49.6	50.0	-1.169	-1.169	31.950	2571	2571	1440.4	150	34	2286

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 077

LAT	N47	5.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	300	WW	02	COUN	18
LONG	W 62	39.20	MONTH	6	SWEL-P/H	1403	WIND-SPD	05	CLD-A	2	INST	10
DEPTH		64.0	DAY	22	SWEL-D	340	AIR-TEM	11.5			RESTR	
MARSD	SQ	151	H/M	2019	BARO	1012.7	WET-BLB	9.5			UNAS	9F

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2019	0.0	0.0M	9.89 D	9.890	30.77 D	2370	2370	1484.6C	0	0	4210
2019	5.0	5.0M	9.89 D	9.889	30.77 D	2370	2370	1484.7C	21	1	4210
2019	9.9	10.0M	9.79 D	9.789	30.79 D	2373	2373	1484.4C	42	2	4181
2019	14.9	15.0M	7.00 D	6.999	31.16 D	2442	2442	1474.3C	61	5	3518
2019	19.8	20.0M	2.21 D	2.209	31.44 D	2513	2513	1454.6C	77	7	2840
2019	24.8	25.0M	0.19 D	0.189	31.64 D	2541	2541	1445.9C	91	10	2573
2019	29.8	30.0M	-0.25 D	-0.250	31.74 D	2551	2551	1444.1C	103	14	2478
2019	39.7	40.0M	-0.85 D	-0.850	31.77 D	2556	2556	1441.5C	128	23	2435
2019	49.6	50.0M	-0.94 D	-0.940	31.88 D	2565	2565	1441.4C	152	34	2347
2019	59.5	60.0M	-1.10 D	-1.100	32.04 D	2578	2578	1441.0C	175	46	2218

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.890	9.890	30.770	2370	2370	1484.6	0	0	4210
	9.9	10.0	9.790	9.789	30.790	2373	2373	1484.4	42	2	4181
	19.8	20.0	2.210	2.209	31.440	2513	2513	1454.6	77	7	2840
	29.8	30.0	-0.249	-0.249	31.740	2551	2551	1444.1	103	14	2478
	49.6	50.0	-0.939	-0.939	31.880	2565	2565	1441.4	152	34	2347

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 078

LAT	N47	5.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	300	WW	02	COUN	18
LONG	W 62	54.10	MONTH	6	SWEL-P/H	1403	WIND-SPD	05	CLD-A	2	INST	10
DEPTH		55.0	DAY	22	SWEL-D	340	AIR-TEM	11.4			RESTR	
MARSD	SQ	151	H/M	2115	BARO	1012.7	WET-BLB	9.4			UNAS	9E

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2115	0.0	0.0M	10.67 D	10.670	30.05 D	2301	2301	1486.5C	0	0	4867
2115	5.0	5.0M	10.53 D	10.529	30.05 D	2303	2303	1486.1C	24	1	4844
2115	9.9	10.0M	10.27 D	10.269	30.11 D	2312	2312	1485.3C	48	2	4759
2115	14.9	15.0M	5.96 D	5.959	31.10 D	2450	2450	1470.0C	69	5	3440
2115	19.8	20.0M	4.85 D	4.849	31.27 D	2476	2476	1465.7C	86	8	3194
2115	24.8	25.0M	1.00 D	0.999	31.41 D	2519	2519	1449.3C	100	11	2789
2115	29.8	30.0M	0.32 D	0.319	31.42 D	2523	2523	1446.3C	114	15	2747
2115	39.7	40.0M	-0.84 D	-0.840	31.60 D	2542	2542	1441.3C	141	25	2565
2115	49.6	50.0M	-1.17 D	-1.170	31.77 D	2557	2557	1440.2C	166	36	2424

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.670	10.670	30.050	2301	2301	1486.5	0	0	4867
	9.9	10.0	10.270	10.269	30.110	2312	2312	1485.3	48	2	4759
	19.8	20.0	4.850	4.849	31.270	2476	2476	1465.7	86	8	3194
	29.8	30.0	0.320	0.319	31.420	2523	2523	1446.3	114	15	2747
	49.6	50.0	-1.169	-1.169	31.770	2557	2557	1440.2	166	36	2424

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 079

LAT	N47	5.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	300	WW	02	COUN	18
LONG	W 63	8.90	MONTH	6	SWEL-P/H	1403	WIND-SPD	05	CLD-A	2	INST	10
DEPTH		54.0	DAY	22	SWEL-D	340	AIR-TEM	10.5			RESTR	
MARSD	SQ	151	H/M	2211	BARO	1012.7	WET-BLB	9.0			UNAS	90

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2211	0.0	0.0M	10.70 D	10.700	30.35 D	2324	2324	1487.0C	0	0	4649
2211	5.0	5.0M	10.50 D	10.499	30.27 D	2321	2321	1486.3C	23	1	4677
2211	9.9	10.0M	9.97 D	9.969	30.30 D	2332	2332	1484.4C	47	2	4572
2211	14.9	15.0M	6.40 D	6.399	31.00 D	2437	2437	1471.7C	67	5	3565
2211	19.8	20.0M	4.90 D	4.899	31.27 D	2476	2476	1466.0C	84	8	3199
2211	24.8	25.0M	2.16 D	2.159	31.39 D	2510	2510	1454.4C	99	11	2875
2211	29.8	30.0M	0.23 D	0.229	31.44 D	2525	2525	1445.9C	113	15	2727
2211	39.7	40.0M	-0.87 D	-0.870	31.55 D	2538	2538	1441.1C	139	25	2602
2211	49.6	50.0M	-1.05 D	-1.050	31.72 D	2552	2552	1440.7C	165	36	2466

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.700	10.700	30.350	2324	2324	1487.0	0	0	4649
	9.9	10.0	9.970	9.969	30.300	2332	2332	1484.4	47	2	4572
	19.8	20.0	4.900	4.899	31.270	2476	2476	1466.0	84	8	3199
	29.8	30.0	0.230	0.229	31.440	2525	2525	1445.9	113	15	2727
	49.6	50.0	-1.049	-1.049	31.720	2552	2552	1440.7	165	36	2466

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 080

LAT	N47	5.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	300	WW	02	COUN	18
LONG	W 63	23.80	MONTH	6	SWEL-P/H		WIND-SPD	05	CLD-A	2	INST	10
DEPTH		51.0	DAY	22	SWEL-D		AIR-TEM	10.5			RESTR	
MARSD	SQ	151	H/M	2327	BARO	1012.7	WET-BLB	9.0			UNAS	9C

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2327	0.0	0.0M	10.99 D	10.990	29.24 D	2233	2233	1486.7C	0	0	5518
2327	5.0	5.0M	10.85 D	10.849	29.22 D	2233	2233	1486.2C	28	1	5511
2327	9.9	10.0M	10.62 D	10.619	29.23 D	2238	2238	1485.5C	55	3	5468
2327	14.9	15.0M	6.90 D	6.899	29.95 D	2349	2349	1472.3C	80	6	4411
2327	19.8	20.0M	4.15 D	4.149	30.56 D	2427	2427	1461.9C	100	9	3662
2327	24.8	25.0M	3.00 D	2.999	30.90 D	2464	2464	1457.5C	117	13	3308
2327	29.8	30.0M	1.45 D	1.449	31.20 D	2499	2499	1451.1C	133	18	2974
2327	39.7	40.0M	-0.11 D	-0.110	31.29 D	2514	2514	1444.3C	162	28	2828
2327	49.6	50.0M	-0.93 D	-0.930	31.64 D	2545	2545	1441.1C	189	40	2531

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.990	10.990	29.240	2233	2233	1486.7	0	0	5518
	9.9	10.0	10.620	10.619	29.230	2238	2238	1485.5	55	3	5468
	19.8	20.0	4.150	4.149	30.560	2427	2427	1461.9	100	9	3662
	29.8	30.0	1.450	1.449	31.200	2499	2499	1451.1	133	18	2974
	49.6	50.0	-0.929	-0.929	31.640	2545	2545	1441.1	189	40	2531

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 081

LAT	N47	5.80	YEAR	1968	WAVE-P/H	1200	WIND-DIR	070	WW	01	COUN	18
LONG	W 63	38.60	MONTH	6	SWEL-P/H	1302	WIND-SPD	03	CLD-A	3	INST	10
DEPTH		51.0	DAY	23	SWEL-D	020	AIR-TEM	11.0			RESTR	
MARSD	SQ	151	H/M	0019	BARO	1013.0	WET-BLB	9.5			UNAS	98

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0019	0.0	0.0M	10.96 D	10.960	29.26 D	2235	2235	1486.6C	0	0	5499
0019	5.0	5.0M	10.96 D	10.959	29.28 D	2236	2236	1486.7C	27	1	5484
0019	9.9	10.0M	10.79 D	10.789	29.27 D	2238	2238	1486.1C	55	3	5465
0019	14.9	15.0M	10.33 D	10.328	29.32 D	2250	2250	1484.6C	82	6	5356
0019	19.8	20.0M	8.20 D	8.198	29.60 D	2304	2304	1477.0C	108	11	4839
0019	24.8	25.0M	5.95 D	5.948	30.61 D	2412	2412	1469.5C	129	16	3807
0019	29.8	30.0M	5.20 D	5.198	31.09 D	2458	2458	1467.1C	147	21	3366
0019	39.7	40.0M	0.00 D	0.000	31.25 D	2511	2511	1444.7C	178	32	2863
0019	49.6	50.0M	-0.17 D	-0.170	31.33 D	2518	2518	1444.2C	206	45	2794

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.960	10.960	29.260	2235	2235	1486.6	0	0	5499
	9.9	10.0	10.790	10.789	29.270	2238	2238	1486.1	55	3	5465
	19.8	20.0	8.200	8.198	29.600	2304	2304	1477.0	108	11	4839
	29.8	30.0	5.200	5.198	31.090	2458	2458	1467.1	147	21	3366
	49.6	50.0	-0.169	-0.169	31.330	2518	2518	1444.2	206	45	2794

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 082

LAT	N47	5.80	YEAR	1968	WAVE-P/H	1200	WIND-DIR	070	WW	02	COUN	18
LONG	W 63	53.50	MONTH	6	SWEL-P/H	1302	WIND-SPD	03	CLD-A	3	INST	10
DEPTH		26.0	DAY	23	SWEL-D	020	AIR-TEM	11.0			RESTR	
MARSD	SQ	151	H/M	0114	BARO	1013.0	WET-BLB	9.5			UNAS	9A

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0114	0.0	0.0M	11.10 D	11.100	28.88 D	2203	2203	1486.6C	0	0	5803
0114	5.0	5.0M	11.10 D	11.099	28.91 D	2205	2205	1486.7C	29	1	5781
0114	9.9	10.0M	10.95 D	10.949	28.88 D	2205	2205	1486.2C	58	3	5780
0114	14.9	15.0M	7.83 D	7.829	29.42 D	2295	2295	1475.3C	85	6	4924
0114	19.8	20.0M	4.39 D	4.389	30.24 D	2399	2399	1462.4C	107	10	3926
0114	24.8	25.0M	4.09 D	4.088	30.23 D	2401	2402	1461.2C	126	15	3906

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.100	11.100	28.880	2203	2203	1486.6	0	0	5803
	9.9	10.0	10.950	10.949	28.880	2205	2205	1486.2	58	3	5780
	19.8	20.0	4.390	4.389	30.240	2399	2399	1462.4	107	10	3926

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 083

LAT	N47 15.80	YEAR	1968	WAVE-P/H	1200	WIND-DIR	070	WW	02	COUN	18
LONG W	63 53.50	MONTH	6	SWEL-P/H	1302	WIND-SPD	03	CLD-A	3	INST	10
DEPTH	32.0	DAY	23	SWEL-D	020	AIR-TEM	11.0			RESTR	
MARSD SQ	151	H/M	0206	BARO	1013.0	WET-BLB	9.5			UNAS	8A

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0206	0.0	0.0M	11.17 D	11.170	29.30 D	2234	2234	1487.4C	0	0	5503
0206	5.0	5.0M	11.11 D	11.109	29.33 D	2238	2238	1487.3C	27	1	5471
0206	9.9	10.0M	10.69 D	10.689	29.57 D	2263	2263	1486.1C	54	3	5226
0206	14.9	15.0M	10.60 D	10.598	29.55 D	2263	2263	1485.9C	80	6	5228
0206	19.8	20.0M	4.90 D	4.899	30.14 D	2386	2386	1464.5C	104	10	4050
0206	24.8	25.0M	2.16 D	2.159	30.58 D	2445	2445	1453.3C	122	14	3490
0206	29.8	30.0M	2.13 D	2.129	30.58 D	2445	2445	1453.3C	140	19	3488

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.170	11.170	29.300	2234	2234	1487.4	0	0	5503
	9.9	10.0	10.690	10.689	29.570	2263	2263	1486.1	54	3	5226
	19.8	20.0	4.900	4.899	30.140	2386	2386	1464.5	104	10	4050
	29.8	30.0	2.130	2.129	30.580	2445	2445	1453.3	140	19	3488

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 084

LAT	N47 15.80	YEAR	1968	WAVE-P/H	1200	WIND-DIR	130	WW	02	COUN	18
LONG	W 63 38.60	MONTH	6	SWEL-P/H		WIND-SPD	02	CLD-A	3	INST	10
DEPTH	63.0	DAY	23	SWEL-D		AIR-TEM	10.5			RESTR	
MARSD SQ	151	H/M	0300	BARO	1013.0	WET-BLB	9.0			UNAS	88

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0300	0.0	0.0M	10.73 D	10.730	29.28 D	2240	2240	1485.8C	0	0	5447
0300	5.0	5.0M	10.67 D	10.669	29.29 D	2242	2242	1485.6C	27	1	5430
0300	9.9	10.0M	10.26 D	10.259	29.26 D	2246	2246	1484.2C	54	3	5389
0300	14.9	15.0M	10.02 D	10.018	29.28 D	2252	2252	1483.4C	81	6	5338
0300	19.8	20.0M	6.50 D	6.498	30.01 D	2358	2358	1470.8C	105	10	4320
0300	24.8	25.0M	4.00 D	3.998	30.60 D	2432	2432	1461.4C	125	15	3619
0300	29.8	30.0M	2.03 D	2.029	30.92 D	2473	2473	1453.3C	142	20	3223
0300	39.7	40.0M	0.38 D	0.379	31.19 D	2504	2504	1446.4C	173	31	2925
0300	49.6	50.0M	-0.50 D	-0.500	31.41 D	2525	2525	1442.8C	201	43	2721
0300	59.5	60.0M	-0.78 D	-0.780	31.53 D	2536	2536	1441.8C	228	58	2619

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.730	10.730	29.280	2240	2240	1485.8	0	0	5447
	9.9	10.0	10.260	10.259	29.260	2246	2246	1484.2	54	3	5389
	19.8	20.0	6.500	6.498	30.010	2358	2358	1470.8	105	10	4320
	29.8	30.0	2.030	2.029	30.920	2473	2473	1453.3	142	20	3223
	49.6	50.0	-0.499	-0.499	31.410	2525	2525	1442.8	201	43	2721

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 085

LAT	N47 15.80	YEAR	1968	WAVE-P/H	1101	WIND-DIR	130	WW	02	COUN	18
LONG W	63 23.80	MONTH	6	SWEL-P/H	1403	WIND-SPD	04	CLD-A	3	INST	10
DEPTH	54.0	DAY	23	SWEL-D	070	AIR-TEM	12.0			RESTR	
MARSD SQ	151	H/M	0357	BARO	1014.0	WET-BLB	10.0			UNAS	8C

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0357	0.0	0.0M	11.00 D	11.000	29.22 D	2231	2231	1486.7C	0	0	5534
0357	5.0	5.0M	10.95 D	10.949	29.25 D	2234	2234	1486.6C	28	1	5504
0357	9.9	10.0M	10.79 D	10.789	29.26 D	2238	2238	1486.1C	55	3	5472
0357	14.9	15.0M	6.20 D	6.199	30.23 D	2379	2379	1469.8C	79	6	4120
0357	19.8	20.0M	3.30 D	3.299	30.67 D	2443	2443	1458.4C	98	9	3505
0357	24.8	25.0M	2.00 D	1.999	31.15 D	2492	2492	1453.4C	114	13	3046
0357	29.8	30.0M	1.18 D	1.179	31.29 D	2508	2508	1450.0C	129	17	2889
0357	39.7	40.0M	-0.70 D	-0.700	31.55 D	2537	2537	1441.9C	156	27	2608
0357	49.6	50.0M	-1.11 D	-1.110	31.72 D	2552	2552	1440.4C	182	38	2464

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.000	11.000	29.220	2231	2231	1486.7	0	0	5534
	9.9	10.0	10.790	10.789	29.260	2238	2238	1486.1	55	3	5472
	19.8	20.0	3.300	3.299	30.670	2443	2443	1458.4	98	9	3505
	29.8	30.0	1.180	1.179	31.290	2508	2508	1450.0	129	17	2889
	49.6	50.0	-1.109	-1.109	31.720	2552	2552	1440.4	182	38	2464

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 086

LAT	N47 15.80	YEAR	1968	WAVE-P/H	1101	WIND-DIR	130	WW	02	COUN	18
LONG W	63 8.90	MONTH	6	SWEL-P/H	1403	WIND-SPD	03	CLD-A	3	INST	10
DEPTH	66.0	DAY	23	SWEL-D	070	AIR-TEM	11.0			RESTR	
MARSD SQ	151	H/M	0451	BARO	1014.0	WET-BLB	10.5			UNAS	8D

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0451	0.0	0.0M	10.15 D	10.150	30.37 D	2334	2334	1485.0C	0	0	4547
0451	5.0	5.0M	10.09 D	10.089	30.42 D	2339	2339	1485.0C	23	1	4501
0451	9.9	10.0M	9.74 D	9.739	30.43 D	2346	2346	1483.8C	45	2	4440
0451	14.9	15.0M	6.20 D	6.199	30.90 D	2432	2432	1470.7C	65	5	3617
0451	19.8	20.0M	2.00 D	1.999	31.27 D	2501	2501	1453.5C	82	8	2955
0451	24.8	25.0M	-0.04 D	-0.040	31.40 D	2523	2523	1444.5C	96	11	2747
0451	29.8	30.0M	-0.51 D	-0.510	31.53 D	2535	2535	1442.6C	109	15	2630
0451	39.7	40.0M	-0.93 D	-0.930	31.59 D	2541	2541	1440.9C	135	24	2570
0451	49.6	50.0M	-1.12 D	-1.120	31.72 D	2552	2552	1440.3C	160	36	2464
0451	59.5	60.0M	-1.23 D	-1.230	31.86 D	2564	2564	1440.2C	184	49	2353

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.150	10.150	30.370	2334	2334	1485.0	0	0	4547
	9.9	10.0	9.740	9.739	30.430	2346	2346	1483.8	45	2	4440
	19.8	20.0	2.000	1.999	31.270	2501	2501	1453.5	82	8	2955
	29.8	30.0	-0.509	-0.509	31.530	2535	2535	1442.6	109	15	2630
	49.6	50.0	-1.119	-1.119	31.720	2552	2552	1440.3	160	36	2464

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 087

LAT	N47 15.80	YEAR	1968	WAVE-P/H	1101	WIND-DIR	130	WW	02	COUN	18
LONG W	62 54.10	MONTH	6	SWEL-P/H	1403	WIND-SPD	02	CLD-A	3	INST	10
DEPTH	54.0	DAY	23	SWEL-D	070	AIR-TEM	12.5			RESTR	
MARSD SQ	151	H/M	0549	BARO	1014.0	WET-BLB	10.2			UNAS	8E

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0549	0.0	0.0M	10.15 D	10.150	30.29 D	2328	2328	1484.9C	0	0	4606
0549	5.0	5.0M	10.15 D	10.149	30.32 D	2330	2330	1485.0C	23	1	4584
0549	9.9	10.0M	10.17 D	10.169	30.33 D	2331	2331	1485.2C	46	2	4581
0549	14.9	15.0M	10.18 D	10.178	30.39 D	2335	2335	1485.4C	69	5	4539
0549	19.8	20.0M	6.20 D	6.198	30.72 D	2418	2418	1470.6C	90	9	3753
0549	24.8	25.0M	2.91 D	2.909	31.23 D	2491	2491	1457.5C	107	13	3051
0549	29.8	30.0M	1.10 D	1.099	31.41 D	2518	2518	1449.8C	121	17	2793
0549	39.7	40.0M	-0.12 D	-0.120	31.61 D	2540	2540	1444.7C	148	26	2582
0549	49.6	50.0M	-0.11 D	-0.110	31.64 D	2543	2543	1444.9C	173	38	2559

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.150	10.150	30.290	2328	2328	1484.9	0	0	4606
	9.9	10.0	10.170	10.169	30.330	2331	2331	1485.2	46	2	4581
	19.8	20.0	6.200	6.198	30.720	2418	2418	1470.6	90	9	3753
	29.8	30.0	1.100	1.099	31.410	2518	2518	1449.8	121	17	2793
	49.6	50.0	-0.109	-0.109	31.640	2543	2543	1444.9	173	38	2559

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 088

LAT	N47 15.80	YEAR	1968	WAVE-P/H	1101	WIND-DIR	130	WW	02	COUN	18
LONG	W 62 39.20	MONTH	6	SWEL-P/H	1403	WIND-SPD	02	CLD-A	2	INST	10
DEPTH	63.0	DAY	23	SWEL-D	070	AIR-TEM	10.0			RESTR	
MARSD SQ	151	H/M	0647	BARO	1014.0	WET-BLB	9.0			UNAS	8F

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0647	0.0	0.0M	10.10 D	10.100	30.60 D	2353	2353	1485.1C	0	0	4369
0647	5.0	5.0M	10.10 D	10.099	30.64 D	2356	2356	1485.3C	22	1	4339
0647	9.9	10.0M	9.90 D	9.899	30.64 D	2359	2359	1484.6C	43	2	4309
0647	14.9	15.0M	8.00 D	7.999	30.94 D	2411	2411	1477.9C	64	5	3812
0647	19.8	20.0M	4.50 D	4.499	31.16 D	2471	2471	1464.1C	81	8	3243
0647	24.8	25.0M	2.10 D	2.099	31.47 D	2516	2516	1454.3C	97	11	2810
0647	29.8	30.0M	1.10 D	1.099	31.37 D	2515	2515	1449.8C	111	15	2824
0647	39.7	40.0M	-0.70 D	-0.700	31.81 D	2558	2558	1442.3C	137	25	2409
0647	49.6	50.0M	-1.02 D	-1.020	32.06 D	2580	2580	1441.3C	160	35	2206
0647	59.5	60.0M	-1.08 D	-1.080	32.15 D	2587	2587	1441.3C	182	47	2134

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.100	10.100	30.600	2353	2353	1485.1	0	0	4369
	9.9	10.0	9.900	9.899	30.640	2359	2359	1484.6	43	2	4309
	19.8	20.0	4.500	4.499	31.160	2471	2471	1464.1	81	8	3243
	29.8	30.0	1.100	1.099	31.370	2515	2515	1449.8	111	15	2824
	49.6	50.0	-1.019	-1.019	32.060	2580	2580	1441.3	160	35	2206

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 089

LAT	N47 15.80	YEAR	1968	WAVE-P/H	1101	WIND-DIR	130	WW	02	COUN	18
LONG W	62 24.40	MONTH	6	SWEL-P/H	1403	WIND-SPD	02	CLD-A	2	INST	10
DEPTH	54.0	DAY	23	SWEL-D	070	AIR-TEM	9.9			RESTR	
MARSD SQ	151	H/M	0744	BARO	1014.0	WET-BLB	9.2			UNAS	8G

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0744	0.0	0.0M	9.48 D	9.480	31.25 D	2413	2413	1483.7C	0	0	3791
0744	5.0	5.0M	9.49 D	9.489	31.26 D	2414	2414	1483.8C	19	0	3785
0744	9.9	10.0M	9.49 D	9.489	31.26 D	2414	2414	1483.9C	38	2	3786
0744	14.9	15.0M	8.50 D	8.498	31.37 D	2438	2438	1480.4C	56	4	3561
0744	19.8	20.0M	3.40 D	3.399	31.69 D	2524	2524	1460.2C	72	7	2743
0744	24.8	25.0M	2.00 D	1.999	31.75 D	2540	2540	1454.2C	85	10	2591
0744	29.8	30.0M	0.89 D	0.889	31.86 D	2555	2555	1449.5C	98	14	2439
0744	39.7	40.0M	-0.78 D	-0.780	31.99 D	2573	2573	1442.1C	121	22	2268
0744	49.6	50.0M	-1.10 D	-1.100	32.38 D	2606	2606	1441.4C	143	32	1958

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.480	9.480	31.250	2413	2413	1483.7	0	0	3791
	9.9	10.0	9.490	9.489	31.260	2414	2414	1483.9	38	2	3786
	19.8	20.0	3.400	3.399	31.690	2524	2524	1460.2	72	7	2743
	29.8	30.0	0.890	0.889	31.860	2555	2555	1449.5	98	14	2439
	49.6	50.0	-1.099	-1.099	32.380	2606	2606	1441.4	143	32	1958

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 090

LAT	N47 25.80	YEAR	1968	WAVE-P/H	1101	WIND-DIR	320	WW	03	COUN	18
LONG W	62 24.40	MONTH	6	SWEL-P/H	1403	WIND-SPD	02	CLD-A	7	INST	10
DEPTH	56.0	DAY	23	SWEL-D	070	AIR-TEM	9.9			RESTR	
MARSD SQ	151	H/M	0845	BARO	1014.0	WET-BLB	9.2			UNAS	76

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0845	0.0	0.0M	9.95 D	9.950	30.51 D	2348	2348	1484.5C	0	0	4412
0845	5.0	5.0M	9.92 D	9.919	30.42 D	2342	2342	1484.3C	22	1	4474
0845	9.9	10.0M	9.90 D	9.899	30.51 D	2349	2349	1484.4C	44	2	4405
0845	14.9	15.0M	9.80 D	9.798	30.74 D	2369	2369	1484.4C	66	5	4220
0845	19.8	20.0M	5.80 D	5.798	31.37 D	2474	2474	1469.8C	85	8	3220
0845	24.8	25.0M	4.00 D	3.998	31.45 D	2499	2499	1462.5C	100	12	2977
0845	29.8	30.0M	0.76 D	0.759	31.69 D	2542	2542	1448.7C	114	16	2562
0845	39.7	40.0M	-0.75 D	-0.750	31.86 D	2563	2563	1442.1C	138	24	2369
0845	49.6	50.0M	-0.83 D	-0.830	32.00 D	2574	2574	1442.1C	162	35	2258

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.950	9.950	30.510	2348	2348	1484.5	0	0	4412
	9.9	10.0	9.900	9.899	30.510	2349	2349	1484.4	44	2	4405
	19.8	20.0	5.800	5.798	31.370	2474	2474	1469.8	85	8	3220
	29.8	30.0	0.760	0.759	31.690	2542	2542	1448.7	114	16	2562
	49.6	50.0	-0.829	-0.829	32.000	2574	2574	1442.1	162	35	2258

DEPTH	PRESS	OXV
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CRUISE NUMBER 68033

STATION NUMBER 091

LAT	N47 25.80	YEAR	1968	WAVE-P/H	1101	WIND-DIR	320	WW	02	COUN	18
LONG W	62 39.20	MONTH	6	SWEL-P/H	1403	WIND-SPD	02	CLD-A	7	INST	10
DEPTH	60.0	DAY	23	SWEL-D	070	AIR-TEM	11.0			RESTR	
MARSD SQ	151	H/M	0942	BARO	1014.0	WET-BLB	9.9			UNAS	7F

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0942	0.0	0.0M	9.81 D	9.810	30.82 D	2375	2375	1484.3C	0	0	4160
0942	5.0	5.0M	9.81 D	9.809	30.82 D	2375	2375	1484.4C	21	1	4160
0942	9.9	10.0M	9.79 D	9.789	30.82 D	2375	2375	1484.4C	42	2	4158
0942	14.9	15.0M	9.69 D	9.688	30.82 D	2377	2377	1484.1C	62	5	4144
0942	19.8	20.0M	8.00 D	7.998	31.11 D	2425	2425	1478.2C	82	8	3687
0942	24.8	25.0M	3.30 D	3.299	31.45 D	2505	2505	1459.5C	99	12	2916
0942	29.8	30.0M	1.34 D	1.339	31.52 D	2525	2525	1451.0C	113	16	2724
0942	39.7	40.0M	-0.40 D	-0.400	31.79 D	2556	2556	1443.6C	138	25	2434
0942	49.6	50.0M	-0.95 D	-0.950	31.89 D	2566	2566	1441.4C	162	36	2339
0942	59.5	60.0M	-0.98 D	-0.980	32.15 D	2587	2587	1441.8C	185	49	2138

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.810	9.810	30.820	2375	2375	1484.3	0	0	4160
	9.9	10.0	9.790	9.789	30.820	2375	2375	1484.4	42	2	4158
	19.8	20.0	8.000	7.998	31.110	2425	2425	1478.2	82	8	3687
	29.8	30.0	1.340	1.339	31.520	2525	2525	1451.0	113	16	2724
	49.6	50.0	-0.949	-0.949	31.890	2566	2566	1441.4	162	36	2339

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 092

LAT	N47 25.80	YEAR	1968	WAVE-P/H	1101	WIND-DIR	320	WW	02	COUN	18
LONG W	62 54.10	MONTH	6	SWEL-P/H	1403	WIND-SPD	02	CLD-A	7	INST	10
DEPTH	47.0	DAY	23	SWEL-D	070	AIR-TEM	11.2			RESTR	
MARSD SQ	151	H/M	1106	BARO	1014.0	WET-BLB	10.2			UNAS	7E

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1106	0.0	0.0M	10.44 D	10.440	29.92 D	2295	2295	1485.5C	0	0	4926
1106	5.0	5.0M	10.43 D	10.429	29.92 D	2295	2295	1485.6C	25	1	4924
1106	9.9	10.0M	10.31 D	10.309	29.93 D	2297	2297	1485.2C	49	3	4900
1106	14.9	15.0M	6.80 D	6.799	30.80 D	2417	2417	1473.0C	71	5	3763
1106	19.8	20.0M	5.16 D	5.159	31.19 D	2467	2467	1466.9C	89	8	3286
1106	24.8	25.0M	2.30 D	2.299	31.37 D	2507	2507	1455.0C	104	12	2899
1106	29.8	30.0M	0.12 D	0.119	31.60 D	2538	2538	1445.6C	118	16	2600
1106	39.7	40.0M	-0.10 D	-0.100	31.55 D	2535	2535	1444.7C	144	25	2629

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.440	10.440	29.920	2295	2295	1485.5	0	0	4926
	9.9	10.0	10.310	10.309	29.930	2297	2297	1485.2	49	3	4900
	19.8	20.0	5.160	5.159	31.190	2467	2467	1466.9	89	8	3286
	29.8	30.0	0.120	0.119	31.600	2538	2538	1445.6	118	16	2600

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 093

LAT	N47 25.80	YEAR	1968	WAVE-P/H	1100	WIND-DIR	350	WW	02	COUN	18
LONG W	63 8.90	MONTH	6	SWEL-P/H	1400	WIND-SPD	01	CLD-A	7	INST	10
DEPTH	62.0	DAY	23	SWEL-D	070	AIR-TEM	11.2			RESTR	
MARSD SQ	151	H/M	1154	BARO	1013.5	WET-BLB	10.2			UNAS	7D

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1154	0.0	0.0M	10.86 D	10.860	29.77 D	2276	2276	1486.9C	0	0	5105
1154	5.0	5.0M	10.50 D	10.499	29.91 D	2293	2293	1485.8C	25	1	4943
1154	9.9	10.0M	10.19 D	10.189	30.13 D	2315	2315	1485.0C	49	2	4732
1154	14.9	15.0M	9.26 D	9.258	30.31 D	2344	2344	1481.9C	72	5	4458
1154	19.8	20.0M	5.80 D	5.798	31.14 D	2455	2455	1469.5C	92	9	3392
1154	24.8	25.0M	1.80 D	1.799	31.43 D	2515	2515	1452.9C	107	12	2820
1154	29.8	30.0M	-0.59 D	-0.590	31.59 D	2540	2540	1442.3C	121	16	2581
1154	39.7	40.0M	-0.70 D	-0.700	31.72 D	2551	2551	1442.1C	146	25	2477
1154	49.6	50.0M	-1.00 D	-1.000	31.70 D	2550	2550	1440.9C	171	37	2483
1154	59.5	60.0M	-1.25 D	-1.250	32.07 D	2581	2581	1440.4C	194	50	2191

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.860	10.860	29.770	2276	2276	1486.9	0	0	5105
	9.9	10.0	10.190	10.189	30.130	2315	2315	1485.0	49	2	4732
	19.8	20.0	5.800	5.798	31.140	2455	2455	1469.5	92	9	3392
	29.8	30.0	-0.589	-0.589	31.590	2540	2540	1442.3	121	16	2581
	49.6	50.0	-0.999	-0.999	31.700	2550	2550	1440.9	171	37	2483

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 094

LAT	N47 25.80	YEAR	1968	WAVE-P/H	1100	WIND-DIR	350	WW	02	COUN	18
LONG W	63 23.80	MONTH	6	SWEL-P/H	1400	WIND-SPD	01	CLD-A	7	INST	10
DEPTH	76.0	DAY	23	SWEL-D	070	AIR-TEM	13.1			RESTR	
MARSD	SQ 151	H/M	1256	BARO	1013.5	WET-BLB	11.0			UNAS	7C

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1256	0.0	0.0M	10.81 D	10.810	29.20 D	2233	2233	1486.0C	0	0	5519
1256	5.0	5.0M	10.80 D	10.799	29.22 D	2234	2234	1486.0C	28	1	5503
1256	9.9	10.0M	10.75 D	10.749	29.50 D	2257	2257	1486.3C	55	3	5288
1256	14.9	15.0M	9.90 D	9.898	29.85 D	2298	2298	1483.7C	80	6	4896
1256	19.8	20.0M	4.70 D	4.699	30.85 D	2445	2445	1464.6C	101	10	3495
1256	24.8	25.0M	2.00 D	1.999	31.36 D	2508	2508	1453.7C	117	13	2886
1256	29.8	30.0M	0.24 D	0.239	31.47 D	2527	2527	1446.0C	131	17	2706
1256	39.7	40.0M	-0.28 D	-0.280	31.63 D	2542	2542	1444.0C	157	27	2561
1256	49.6	50.0M	-0.98 D	-0.980	31.84 D	2562	2562	1441.2C	182	38	2376
1256	59.5	60.0M	-1.23 D	-1.230	32.08 D	2582	2582	1440.5C	205	51	2185
1256	69.5	70.0M	-1.26 D	-1.260	32.11 D	2584	2584	1440.6C	226	65	2159

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.810	10.810	29.200	2233	2233	1486.0	0	0	5519
	9.9	10.0	10.750	10.749	29.500	2257	2257	1486.3	55	3	5288
	19.8	20.0	4.700	4.699	30.850	2445	2445	1464.6	101	10	3495
	29.8	30.0	0.240	0.239	31.470	2527	2527	1446.0	131	17	2706
	49.6	50.0	-0.979	-0.979	31.840	2562	2562	1441.2	182	38	2376

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 095

LAT	N47 25.80	YEAR	1968	WAVE-P/H		WIND-DIR	350	WW	02	COUN	18
LONG W	63 38.60	MONTH	6	SWEL-P/H	1400	WIND-SPD	01	CLD-A	7	INST	10
DEPTH	74.0	DAY	23	SWEL-D	070	AIR-TEM	13.2			RESTR	
MARSD SQ	151	H/M	1355	BARO	1013.5	WET-BLB	11.0			UNAS	7B

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1355	0.0	0.0M	10.58 D	10.580	29.40 D	2252	2252	1485.4C	0	0	5335
1355	5.0	5.0M	10.43 D	10.429	29.34 D	2250	2250	1484.8C	27	1	5355
1355	9.9	10.0M	10.39 D	10.389	29.49 D	2262	2262	1485.0C	53	3	5239
1355	14.9	15.0M	10.24 D	10.238	29.53 D	2268	2268	1484.5C	79	6	5186
1355	19.8	20.0M	8.00 D	7.998	29.86 D	2327	2327	1476.6C	104	10	4619
1355	24.8	25.0M	5.65 D	5.648	30.72 D	2424	2424	1468.4C	125	15	3691
1355	29.8	30.0M	2.24 D	2.239	30.99 D	2477	2477	1454.3C	142	20	3184
1355	39.7	40.0M	-0.07 D	-0.070	31.61 D	2540	2540	1444.9C	170	30	2584
1355	49.6	50.0M	-1.19 D	-1.190	31.91 D	2568	2568	1440.3C	195	41	2317
1355	59.5	60.0M	-1.22 D	-1.220	31.99 D	2574	2574	1440.4C	218	54	2253
1355	69.5	70.0M	-1.21 D	-1.210	32.02 D	2577	2577	1440.7C	240	69	2230

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.580	10.580	29.400	2252	2252	1485.4	0	0	5335
	9.9	10.0	10.390	10.389	29.490	2262	2262	1485.0	53	3	5239
	19.8	20.0	8.000	7.998	29.860	2327	2327	1476.6	104	10	4619
	29.8	30.0	2.240	2.239	30.990	2477	2477	1454.3	142	20	3184
	49.6	50.0	-1.189	-1.189	31.910	2568	2568	1440.3	195	41	2317

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 096

LAT	N47 25.80	YEAR	1968	WAVE-P/H	00	WIND-DIR	360	WW	01	COUN	18
LONG	W 63 53.50	MONTH	6	SWEL-P/H		WIND-SPD	01	CLD-A	6	INST	10
DEPTH	54.0	DAY	23	SWEL-D		AIR-TEM	12.0			RESTR	
MARSD	SQ 151	H/M	1557	BARO	1014.0	WET-BLB	10.5			UNAS	7A

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1557	0.0	0.0M	10.92 D	10.920	29.15 D	2227	2227	1486.3C	0	0	5574
1557	5.0	5.0M	10.90 D	10.899	29.13 D	2226	2226	1486.3C	28	1	5586
1557	9.9	10.0M	10.81 D	10.809	29.13 D	2227	2227	1486.0C	56	3	5572
1557	14.9	15.0M	10.50 D	10.498	29.17 D	2235	2235	1485.0C	83	6	5494
1557	19.8	20.0M	4.80 D	4.799	30.39 D	2407	2407	1464.4C	107	10	3851
1557	24.8	25.0M	3.50 D	3.498	30.87 D	2458	2458	1459.6C	125	15	3371
1557	29.8	30.0M	2.16 D	2.159	31.05 D	2483	2483	1454.1C	141	19	3133
1557	39.7	40.0M	-0.14 D	-0.140	31.31 D	2516	2516	1444.2C	171	30	2812
1557	49.6	50.0M	-0.62 D	-0.620	31.61 D	2542	2542	1442.5C	197	42	2564

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.920	10.920	29.150	2227	2227	1486.3	0	0	5574
	9.9	10.0	10.810	10.809	29.130	2227	2227	1486.0	56	3	5572
	19.8	20.0	4.800	4.799	30.390	2407	2407	1464.4	107	10	3851
	29.8	30.0	2.160	2.159	31.050	2483	2483	1454.1	141	19	3133
	49.6	50.0	-0.619	-0.619	31.610	2542	2542	1442.5	197	42	2564

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 097

LAT	N47 35.80	YEAR	1968	WAVE-P/H	00	WIND-DIR	000	WW	01	COUN	18
LONG W	63 53.50	MONTH	6	SWEL-P/H		WIND-SPD	00	CLD-A	4	INST	10
DEPTH	53.0	DAY	23	SWEL-D		AIR-TEM	13.0			RESTR	
MARSD SQ	151	H/M	1807	BARO	1014.5	WET-BLB	11.0			UNAS	6A

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1807	0.0	0.0M	12.06 D	12.060	28.96 D	2192	2192	1490.1C	0	0	5904
1807	5.0	5.0M	11.11 D	11.109	28.96 D	2209	2209	1486.8C	29	1	5745
1807	9.9	10.0M	10.78 D	10.779	28.94 D	2213	2213	1485.7C	58	3	5708
1807	14.9	15.0M	10.53 D	10.528	28.92 D	2215	2216	1484.8C	86	7	5684
1807	19.8	20.0M	10.10 D	10.098	29.03 D	2231	2231	1483.5C	114	12	5537
1807	24.8	25.0M	5.50 D	5.498	30.30 D	2393	2393	1467.2C	138	17	3991
1807	29.8	30.0M	2.50 D	2.498	30.82 D	2462	2462	1455.2C	156	22	3332
1807	39.7	40.0M	0.11 D	0.109	31.25 D	2510	2510	1445.2C	187	33	2867
1807	49.6	50.0M	-0.57 D	-0.570	31.38 D	2523	2523	1442.4C	215	46	2742

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	12.060	12.060	28.960	2192	2192	1490.1	0	0	5904
	9.9	10.0	10.780	10.779	28.940	2213	2213	1485.7	58	3	5708
	19.8	20.0	10.100	10.098	29.030	2231	2231	1483.5	114	12	5537
	29.8	30.0	2.500	2.498	30.820	2462	2462	1455.2	156	22	3332
	49.6	50.0	-0.569	-0.569	31.380	2523	2523	1442.4	215	46	2742

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 098

LAT	N47 35.80	YEAR	1968	WAVE-P/H	00	WIND-DIR	000	WW	02	COUN	18
LONG	W 63 38.60	MONTH	6	SWEL-P/H		WIND-SPD	00	CLD-A	1	INST	10
DEPTH	72.0	DAY	23	SWEL-D		AIR-TEM	14.5			RESTR	
SEA	SQ 151	H/M	1904	BARO	1014.3	WET-BLB	11.0			UNAS	68

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1904	0.0	0.0M	10.57 D	10.570	29.33 D	2247	2247	1485.2C	0	0	5385
1904	5.0	5.0M	10.94 D	10.939	29.31 D	2239	2239	1486.6C	27	1	5459
1904	9.9	10.0M	10.40 D	10.399	29.34 D	2250	2250	1484.8C	54	3	5351
1904	14.9	15.0M	10.00 D	9.998	29.44 D	2264	2264	1483.5C	81	6	5216
1904	19.8	20.0M	8.89 D	8.888	29.88 D	2316	2316	1480.0C	106	11	4726
1904	24.8	25.0M	4.70 D	4.698	30.55 D	2421	2421	1464.2C	127	15	3722
1904	29.8	30.0M	3.82 D	3.818	30.92 D	2459	2459	1461.1C	144	20	3361
1904	39.7	40.0M	0.82 D	0.819	31.29 D	2510	2510	1448.5C	175	31	2870
1904	49.6	50.0M	-0.52 D	-0.520	31.78 D	2555	2555	1443.2C	202	43	2437
1904	59.5	60.0M	-0.77 D	-0.770	32.02 D	2576	2576	1442.6C	225	56	2244
1904	69.5	70.0M	-0.80 D	-0.801	32.20 D	2590	2590	1442.8C	247	71	2104

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.570	10.570	29.330	2247	2247	1485.2	0	0	5385
	9.9	10.0	10.400	10.399	29.340	2250	2250	1484.8	54	3	5351
	19.8	20.0	8.890	8.888	29.880	2316	2316	1480.0	106	11	4726
	29.8	30.0	3.820	3.818	30.920	2459	2459	1461.1	144	20	3361
	49.6	50.0	-0.519	-0.519	31.780	2555	2555	1443.2	202	43	2437

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 099

LAT	N47 35.80	YEAR	1968	WAVE-P/H	00	WIND-DIR	000	WW	02	COUN	18
LONG	W 63 23.80	MONTH	6	SWEL-P/H		WIND-SPD	00	CLD-A	1	INST	10
DEPTH	74.0	DAY	23	SWEL-D		AIR-TEM	14.5			RESTR	
MARSD	SQ 151	H/M	2027	BARO	1014.3	WET-BLB	11.0			UNAS	6C

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2027	0.0	0.0M	10.58 D	10.580	29.74 D	2278	2278	1485.8C	0	0	5082
2027	5.0	5.0M	10.56 D	10.559	29.74 D	2279	2279	1485.8C	25	1	5078
2027	9.9	10.0M	10.43 D	10.429	29.72 D	2279	2279	1485.4C	51	3	5074
2027	14.9	15.0M	9.51 D	9.508	29.78 D	2299	2299	1482.1C	76	6	4889
2027	19.8	20.0M	6.00 D	5.998	30.72 D	2420	2420	1469.7C	97	10	3730
2027	24.8	25.0M	3.70 D	3.698	31.11 D	2475	2475	1460.8C	115	14	3207
2027	29.8	30.0M	1.22 D	1.219	31.50 D	2525	2525	1450.5C	129	18	2732
2027	39.7	40.0M	-0.44 D	-0.440	31.70 D	2549	2549	1443.3C	155	27	2501
2027	49.6	50.0M	-0.93 D	-0.930	31.95 D	2570	2570	1441.6C	179	38	2294
2027	59.5	60.0M	-0.89 D	-0.890	32.12 D	2584	2584	1442.1C	202	50	2163
2027	69.5	70.0M	-0.88 D	-0.881	32.29 D	2598	2598	1442.6C	223	64	2033

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.580	10.580	29.740	2278	2278	1485.8	0	0	5082
	9.9	10.0	10.430	10.429	29.720	2279	2279	1485.4	51	3	5074
	19.8	20.0	6.000	5.998	30.720	2420	2420	1469.7	97	10	3730
	29.8	30.0	1.220	1.219	31.500	2525	2525	1450.5	129	18	2732
	49.6	50.0	-0.929	-0.929	31.950	2570	2570	1441.6	179	38	2294

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 100

LAT	N47 35.80	YEAR	1968	WAVE-P/H		WIND-DIR	060	WW	02	COUN	18
LONG W	63 8.90	MONTH	6	SWEL-P/H		WIND-SPD	05	CLD-A	1	INST	10
DEPTH	54.0	DAY	23	SWEL-D		AIR-TEM	12.4			RESTR	
MARSD SQ	151	H/M	2133	BARO	1014.3	WET-BLB	10.4			UNAS	6D

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2133	0.0	0.0M	10.96 D	10.960	29.65 D	2265	2265	1487.1C	0	0	5210
2133	5.0	5.0M	10.72 D	10.719	29.70 D	2273	2273	1486.3C	26	1	5134
2133	9.9	10.0M	10.33 D	10.329	29.71 D	2280	2280	1485.0C	51	3	5065
2133	14.9	15.0M	10.00 D	9.998	29.68 D	2283	2283	1483.8C	77	6	5038
2133	19.8	20.0M	3.38 D	3.379	31.23 D	2487	2487	1459.5C	97	9	3089
2133	24.8	25.0M	2.72 D	2.719	31.41 D	2507	2507	1456.9C	112	13	2901
2133	29.8	30.0M	0.25 D	0.249	31.58 D	2536	2536	1446.2C	126	17	2621
2133	39.7	40.0M	-1.09 D	-1.090	31.71 D	2551	2551	1440.3C	151	26	2473
2133	49.6	50.0M	-1.23 D	-1.230	31.87 D	2565	2565	1440.0C	175	37	2347

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.960	10.960	29.650	2265	2265	1487.1	0	0	5210
	9.9	10.0	10.330	10.329	29.710	2280	2280	1485.0	51	3	5065
	19.8	20.0	3.380	3.379	31.230	2487	2487	1459.5	97	9	3089
	29.8	30.0	0.250	0.249	31.580	2536	2536	1446.2	126	17	2621
	49.6	50.0	-1.229	-1.229	31.870	2565	2565	1440.0	175	37	2347

DEPTH	PRESS	QXY
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CRUISE NUMBER 68033

STATION NUMBER 101

LAT	N47 35.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	080	WW	02	COUN	18
LONG W	62 54.10	MONTH	6	SWEL-P/H		WIND-SPD	05	CLD-A	1	INST	10
DEPTH	54.0	DAY	23	SWEL-D		AIR-TEM	10.7			RESTR	
MARSD SQ	151	H/M	2230	BARO	1014.7	WET-BLB	9.0			UNAS	6E

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2230	0.0	0.0M	11.00 D	11.000	29.70 D	2268	2268	1487.3C	0	0	5180
2230	5.0	5.0M	11.01 D	11.009	29.72 D	2269	2270	1487.4C	26	1	5166
2230	9.9	10.0M	11.01 D	11.009	29.72 D	2269	2270	1487.5C	52	3	5167
2230	14.9	15.0M	6.00 D	5.999	30.58 D	2409	2409	1469.5C	74	5	3834
2230	19.8	20.0M	2.29 D	2.289	31.25 D	2498	2498	1454.7C	91	8	2990
2230	24.8	25.0M	0.09 D	0.089	31.51 D	2531	2531	1445.3C	105	12	2668
2230	29.8	30.0M	-0.48 D	-0.480	31.70 D	2549	2549	1443.0C	118	15	2501
2230	39.7	40.0M	-0.93 D	-0.930	31.64 D	2545	2545	1441.0C	143	24	2531
2230	49.6	50.0M	-1.10 D	-1.100	31.81 D	2560	2560	1440.6C	168	35	2396

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.000	11.000	29.700	2268	2268	1487.3	0	0	5180
	9.9	10.0	11.010	11.009	29.720	2269	2270	1487.5	52	3	5167
	19.8	20.0	2.290	2.289	31.250	2498	2498	1454.7	91	8	2990
	29.8	30.0	-0.479	-0.479	31.700	2549	2549	1443.0	118	15	2501
	49.6	50.0	-1.099	-1.099	31.810	2560	2560	1440.6	168	35	2396

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 102

LAT	N47 35.80	YEAR	1968	WAVE-P/H	1200	WIND-DIR	060	WW	02	COUN	18
LONG W	62 39.20	MONTH	6	SWEL-P/H		WIND-SPD	04	CLD-A	1	INST	10
DEPTH	62.0	DAY	23	SWEL-D		AIR-TEM	9.8			RESTR	
MARSD SQ	151	H/M	2339	BARO	1014.0	WET-BLB	8.8			UNAS	6F

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2339	0.0	0.0M	10.22 D	10.220	30.22 D	2321	2321	1485.1C	0	0	4669
2339	5.0	5.0M	10.20 D	10.199	30.22 D	2322	2322	1485.1C	23	1	4666
2339	9.9	10.0M	10.37 D	10.369	30.22 D	2319	2319	1485.8C	47	2	4694
2339	14.9	15.0M	8.80 D	8.798	30.30 D	2350	2350	1480.1C	70	5	4400
2339	19.8	20.0M	4.00 D	3.999	30.97 D	2461	2461	1461.8C	89	9	3339
2339	24.8	25.0M	2.38 D	2.379	31.31 D	2502	2502	1455.3C	105	12	2951
2339	29.8	30.0M	0.70 D	0.699	31.50 D	2527	2527	1448.1C	119	16	2704
2339	39.7	40.0M	-0.28 D	-0.280	31.68 D	2546	2546	1444.0C	145	25	2522
2339	49.6	50.0M	-0.86 D	-0.860	31.91 D	2567	2567	1441.8C	169	37	2326
2339	59.5	60.0M	-0.74 D	-0.740	32.25 D	2594	2594	1443.0C	191	49	2069

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.220	10.220	30.220	2321	2321	1485.1	0	0	4669
	9.9	10.0	10.370	10.369	30.220	2319	2319	1485.8	47	2	4694
	19.8	20.0	4.000	3.999	30.970	2461	2461	1461.8	89	9	3339
	29.8	30.0	0.700	0.699	31.500	2527	2527	1448.1	119	16	2704
	49.6	50.0	-0.859	-0.859	31.910	2567	2567	1441.8	169	37	2326

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 103

LAT	N47 35.80	YEAR	1968	WAVE-P/H	1200	WIND-DIR	080	WW	02	COUN	18
LONG W	62 24.40	MONTH	6	SWEL-P/H		WIND-SPD	03	CLD-A	1	INST	10
DEPTH	63.0	DAY	24	SWEL-D		AIR-TEM	9.5			RESTR	
MARSD SQ	151	H/M	0032	BARO	1014.2	WET-BLB	7.5			UNAS	66

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0032	0.0	0.0M	10.37 D	10.370	30.61 D	2349	2349	1486.1C	0	0	4403
0032	5.0	5.0M	10.38 D	10.379	30.65 D	2352	2352	1486.3C	22	1	4376
0032	9.9	10.0M	10.02 D	10.019	30.66 D	2359	2359	1485.1C	44	2	4312
0032	14.9	15.0M	9.98 D	9.978	30.66 D	2360	2360	1485.0C	65	5	4308
0032	19.8	20.0M	9.60 D	9.598	30.72 D	2370	2370	1483.8C	87	9	4206
0032	24.8	25.0M	5.10 D	5.098	31.23 D	2470	2470	1466.8C	105	13	3250
0032	29.8	30.0M	3.00 D	2.998	31.48 D	2510	2510	1458.3C	120	17	2869
0032	39.7	40.0M	-0.63 D	-0.630	31.82 D	2559	2559	1442.6C	147	27	2403
0032	49.6	50.0M	-1.12 D	-1.120	31.92 D	2569	2569	1440.6C	170	37	2310
0032	59.5	60.0M	-0.80 D	-0.800	32.25 D	2594	2594	1442.7C	192	50	2067

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.370	10.370	30.610	2349	2349	1486.1	0	0	4403
	9.9	10.0	10.020	10.019	30.660	2359	2359	1485.1	44	2	4312
	19.8	20.0	9.600	9.598	30.720	2370	2370	1483.8	87	9	4206
	29.8	30.0	3.000	2.998	31.480	2510	2510	1458.3	120	17	2869
	49.6	50.0	-1.119	-1.119	31.920	2569	2569	1440.6	170	37	2310

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 104

LAT	N47 45.80	YEAR	1968	WAVE-P/H	1200	WIND-DIR	080	WW	02	COUN	18
LONG	W 62 24.40	MONTH	6	SWEL-P/H		WIND-SPD	03	CLD-A	1	INST	10
DEPTH	60.0	DAY	24	SWEL-D		AIR-TEM	9.5			RESTR	
MARSD SQ	151	H/M	0125	BARO	1014.2	WET-BLB	7.5			UNAS	5G

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0125	0.0	0.0M	9.84 D	9.840	29.99 D	2310	2310	1483.4C	0	0	4781
0125	5.0	5.0M	9.86 D	9.859	30.00 D	2310	2310	1483.6C	24	1	4778
0125	9.9	10.0M	9.80 D	9.799	30.10 D	2319	2319	1483.6C	48	2	4695
0125	14.9	15.0M	9.18 D	9.178	30.11 D	2329	2329	1481.3C	71	5	4596
0125	19.8	20.0M	6.90 D	6.898	30.59 D	2399	2399	1473.2C	92	9	3933
0125	24.8	25.0M	3.92 D	3.918	31.41 D	2497	2497	1462.1C	110	13	3000
0125	29.8	30.0M	0.46 D	0.459	31.78 D	2551	2551	1447.4C	123	17	2478
0125	39.7	40.0M	-0.70 D	-0.700	32.12 D	2583	2583	1442.7C	146	25	2170
0125	49.6	50.0M	-0.68 D	-0.680	32.31 D	2599	2599	1443.2C	167	35	2025
0125	59.5	60.0M	-0.07 D	-0.071	32.67 D	2625	2625	1446.7C	186	45	1774

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.840	9.840	29.990	2310	2310	1483.4	0	0	4781
	9.9	10.0	9.800	9.799	30.100	2319	2319	1483.6	48	2	4695
	19.8	20.0	6.900	6.898	30.590	2399	2399	1473.2	92	9	3933
	29.8	30.0	0.460	0.459	31.780	2551	2551	1447.4	123	17	2478
	49.6	50.0	-0.679	-0.679	32.310	2599	2599	1443.2	167	35	2025

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 105

LAT	N47 45.80	YEAR	1968	WAVE-P/H	WIND-DIR	080	WW	02	COUN	18
LONG	W 62 39.20	MONTH	6	SWEL-P/H	WIND-SPD	03	CLD-A	1	INST	10
DEPTH	63.0	DAY	24	SWEL-D	AIR-TEM	8.5			RESTR	
MARSD SQ	151	H/M	0253	BARO	1014.2	WET-BLB	5.2		UNAS	5F

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0253	0.0	0.0M	10.20 D	10.200	29.90 D	2297	2297	1484.6C	0	0	4903
0253	5.0	5.0M	10.10 D	10.099	29.93 D	2301	2301	1484.4C	24	1	4866
0253	9.9	10.0M	9.60 D	9.599	30.05 D	2318	2318	1482.7C	48	2	4702
0253	14.9	15.0M	7.96 D	7.959	30.38 D	2368	2368	1477.0C	71	5	4225
0253	19.8	20.0M	4.20 D	4.199	30.98 D	2460	2460	1462.6C	90	9	3350
0253	24.8	25.0M	1.93 D	1.929	31.21 D	2497	2497	1453.2C	106	12	2996
0253	29.8	30.0M	1.20 D	1.199	31.47 D	2522	2522	1450.3C	120	16	2753
0253	39.7	40.0M	-0.30 D	-0.300	31.82 D	2558	2558	1444.1C	146	25	2414
0253	49.6	50.0M	-0.80 D	-0.800	32.00 D	2574	2574	1442.2C	169	36	2258
0253	59.5	60.0M	-0.77 D	-0.770	32.09 D	2581	2581	1442.7C	191	49	2190

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.200	10.200	29.900	2297	2297	1484.6	0	0	4903
	9.9	10.0	9.600	9.599	30.050	2318	2318	1482.7	48	2	4702
	19.8	20.0	4.200	4.199	30.980	2460	2460	1462.6	90	9	3350
	29.8	30.0	1.200	1.199	31.470	2522	2522	1450.3	120	16	2753
	49.6	50.0	-0.799	-0.799	32.000	2574	2574	1442.2	169	36	2258

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 106

LAT	N47 45.80	YEAR	1968	WAVE-P/H	WIND-DIR	080	WW	02	COUN	13
LONG	W 62 54.10	MONTH	6	SWEL-P/H	WIND-SPD	03	CLD-A	0	INST	10
DEPTH	58.0	DAY	24	SWEL-D	AIR-TEM	9.0			RESTR	
MARSD SQ	151	H/M	0415	BARO	1015.5	WET-BLB	7.5		UNAS	5E

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0415	0.0	0.0M	10.30 D	10.300	29.79 D	2287	2287	1484.8C	0	0	5001
0415	5.0	5.0M	10.30 D	10.299	29.83 D	2290	2290	1485.0C	25	1	4971
0415	9.9	10.0M	10.28 D	10.279	29.85 D	2292	2292	1485.0C	50	3	4954
0415	14.9	15.0M	8.94 D	8.938	30.10 D	2332	2332	1480.4C	74	6	4569
0415	19.8	20.0M	3.27 D	3.269	31.02 D	2471	2471	1458.7C	93	9	3238
0415	24.8	25.0M	2.47 D	2.469	31.31 D	2501	2501	1455.7C	109	13	2958
0415	29.8	30.0M	2.06 D	2.059	31.50 D	2519	2519	1454.2C	123	17	2784
0415	39.7	40.0M	-1.07 D	-1.070	31.78 D	2557	2557	1440.5C	149	26	2420
0415	49.6	50.0M	-1.17 D	-1.170	31.88 D	2565	2565	1440.3C	173	37	2340

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.300	10.300	29.790	2287	2287	1484.8	0	0	5001
	9.9	10.0	10.280	10.279	29.850	2292	2292	1485.0	50	3	4954
	19.8	20.0	3.270	3.269	31.020	2471	2471	1458.7	93	9	3238
	29.8	30.0	2.060	2.059	31.500	2519	2519	1454.2	123	17	2784
	49.6	50.0	-1.169	-1.169	31.880	2565	2565	1440.3	173	37	2340

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 107

LAT	N47 45.80	YEAR	1968	WAVE-P/H	WIND-DIR	080	WW	02	COUN	18
LONG	W 63 8.90	MONTH	6	SWEL-P/H	WIND-SPD	03	CLD-A	0	INST	10
DEPTH	74.0	DAY	24	SWEL-D	AIR-TEM	9.3			RESTR	
MARSD SQ	151	H/M	0506	BARD	1015.5	WET-BLB	7.8		UNAS	50

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0506	0.0	0.0M	10.46 D	10.460	29.10 D	2231	2231	1484.6C	0	0	5538
0506	5.0	5.0M	10.46 D	10.459	29.11 D	2231	2231	1484.7C	28	1	5531
0506	9.9	10.0M	10.23 D	10.229	29.23 D	2244	2244	1484.0C	55	3	5406
0506	14.9	15.0M	9.10 D	9.098	29.69 D	2298	2298	1480.5C	81	6	4896
0506	19.8	20.0M	9.41 D	9.408	30.00 D	2317	2317	1482.1C	105	10	4712
0506	24.8	25.0M	5.71 D	5.708	30.74 D	2425	2425	1468.7C	126	15	3683
0506	29.8	30.0M	2.25 D	2.249	31.08 D	2484	2484	1454.5C	143	20	3116
0506	39.7	40.0M	0.82 D	0.818	31.70 D	2543	2543	1449.1C	171	30	2557
0506	49.6	50.0M	-0.97 D	-0.970	31.88 D	2565	2565	1441.3C	195	41	2346
0506	59.5	60.0M	-1.06 D	-1.060	32.12 D	2585	2585	1441.3C	218	54	2159
0506	69.5	70.0M	-0.77 D	-0.771	32.30 D	2598	2598	1443.1C	239	67	2029

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.460	10.460	29.100	2231	2231	1484.6	0	0	5538
	9.9	10.0	10.230	10.229	29.230	2244	2244	1484.0	55	3	5406
	19.8	20.0	9.410	9.408	30.000	2317	2317	1482.1	105	10	4712
	29.8	30.0	2.250	2.249	31.080	2484	2484	1454.5	143	20	3116
	49.6	50.0	-0.969	-0.969	31.880	2565	2565	1441.3	195	41	2346

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 108

LAT	N47 45.80	YEAR	1968	WAVE-P/H	00	WIND-DIR	080	WW	03	COUN	18
LONG	W 63 23.80	MONTH	6	SWEL-P/H		WIND-SPD	03	CLD-A	2	INST	10
DEPTH	86.0	DAY	24	SWEL-D		AIR-TEM	9.5			RESTR	
MARSD	SQ 151	H/M	0623	BARO	1015.2	WET-BLB	8.0			UNAS	5C

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0623	0.0	0.0M	10.47 D	10.470	29.47 D	2259	2259	1485.1C	0	0	5265
0623	5.0	5.0M	10.42 D	10.419	29.45 D	2258	2258	1484.9C	26	1	5272
0623	9.9	10.0M	9.80 D	9.799	29.53 D	2275	2275	1482.8C	52	3	5118
0623	14.9	15.0M	9.44 D	9.438	29.64 D	2289	2289	1481.7C	78	6	4983
0623	19.8	20.0M	9.20 D	9.198	29.71 D	2298	2298	1481.0C	102	10	4897
0623	24.8	25.0M	4.61 D	4.608	30.52 D	2419	2419	1463.8C	124	15	3735
0623	29.8	30.0M	3.87 D	3.868	30.78 D	2447	2447	1461.1C	142	20	3472
0623	39.7	40.0M	2.09 D	2.088	31.10 D	2487	2487	1454.0C	175	32	3091
0623	49.6	50.0M	0.07 D	0.068	31.68 D	2545	2545	1445.8C	203	45	2537
0623	59.5	60.0M	-0.78 D	-0.780	32.05 D	2578	2578	1442.6C	226	58	2221
0623	69.5	70.0M	-0.81 D	-0.811	32.10 D	2582	2582	1442.7C	248	72	2180
0623	79.4	80.0M	-0.86 D	-0.861	32.20 D	2590	2590	1442.7C	270	89	2102

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.470	10.470	29.470	2259	2259	1485.1	0	0	5265
	9.9	10.0	9.800	9.799	29.530	2275	2275	1482.8	52	3	5118
	19.8	20.0	9.200	9.198	29.710	2298	2298	1481.0	102	10	4897
	29.8	30.0	3.870	3.868	30.780	2447	2447	1461.1	142	20	3472
	49.6	50.0	0.070	0.068	31.680	2545	2545	1445.8	203	45	2537
	74.5	75.0	-0.834W	-0.835	32.150W	2586	2586	1442.7W	259	81	2141

DEPTH	PRESS	OPY
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CRUISE NUMBER 68033

STATION NUMBER 109

LAT	N47 45.80	YEAR	1968	WAVE-P/H	00	WIND-DIR	000	WW	02	COUN	18
LONG	W 63 38.60	MONTH	6	SWEL-P/H		WIND-SPD	00	CLD-A	5	INST	10
DEPTH	68.0	DAY	24	SWEL-D		AIR-TEM	10.8			RESTR	
MARSD SQ	151	H/M	0717	BARO	1015.2	WET-BLB	8.5			UNAS	58

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0717	0.0	0.0M	11.32 D	11.320	28.66 D	2182	2182	1487.1C	0	0	6002
0717	5.0	5.0M	11.32 D	11.319	28.72 D	2187	2187	1487.3C	30	1	5958
0717	9.9	10.0M	11.70 D	11.699	28.65 D	2175	2175	1488.6C	60	3	6073
0717	14.9	15.0M	10.81 D	10.808	28.72 D	2195	2195	1485.6C	90	7	5876
0717	19.8	20.0M	10.59 D	10.588	28.73 D	2200	2200	1484.9C	119	12	5835
0717	24.8	25.0M	5.26 D	5.258	29.88 D	2362	2362	1465.7C	144	18	4282
0717	29.8	30.0M	4.53 D	4.528	30.41 D	2412	2412	1463.4C	165	23	3811
0717	39.7	40.0M	1.58 D	1.578	31.12 D	2492	2492	1451.7C	199	36	3042
0717	49.6	50.0M	0.45 D	0.448	31.55 D	2533	2533	1447.4C	227	48	2653
0717	59.5	60.0M	-0.49 D	-0.491	31.70 D	2549	2549	1443.4C	253	63	2498

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.320	11.320	28.660	2182	2182	1487.1	0	0	6002
	9.9	10.0	11.700	11.699	28.650	2175	2175	1488.6	60	3	6073
	19.8	20.0	10.590	10.588	28.730	2200	2200	1484.9	119	12	5835
	29.8	30.0	4.530	4.528	30.410	2412	2412	1463.4	165	23	3811
	49.6	50.0	0.450	0.448	31.550	2533	2533	1447.4	227	48	2653

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 110

LAT	N47 45.80	YEAR	1968	WAVE-P/H	00	WIND-DIR	000	WW	02	COUN	18
LONG	W 63 53.50	MONTH	6	SWEL-P/H		WIND-SPD	00	CLD-A	5	INST	10
DEPTH	70.0	DAY	24	SWEL-D		AIR-TEM	10.8			RESTR	
MARSD	SQ 151	H/M	1010	BARO	1015.2	WET-BLB	8.5			UNAS	5A

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1010	0.0	0.0M	11.19 D	11.190	28.73 D	2190	2190	1486.7C	0	0	5929
1010	5.0	5.0M	11.19 D	11.189	28.73 D	2190	2190	1486.8C	30	1	5929
1010	9.9	10.0M	11.05 D	11.049	28.72 D	2191	2191	1486.4C	59	3	5914
1010	14.9	15.0M	10.50 D	10.498	28.75 D	2203	2203	1484.5C	89	7	5805
1010	19.8	20.0M	10.38 D	10.378	28.75 D	2205	2205	1484.1C	118	12	5788
1010	24.8	25.0M	4.39 D	4.388	29.97 D	2378	2378	1462.2C	142	18	4130
1010	29.8	30.0M	3.00 D	2.998	30.38 D	2423	2423	1456.8C	162	23	3702
1010	39.7	40.0M	1.40 D	1.398	31.10 D	2491	2492	1450.9C	195	35	3047
1010	49.6	50.0M	-0.19 D	-0.190	31.60 D	2540	2540	1444.5C	223	48	2587
1010	59.5	60.0M	-0.80 D	-0.800	31.92 D	2568	2568	1442.3C	248	61	2319
1010	69.5	70.0M	-0.57 D	-0.571	32.15 D	2585	2585	1443.8C	270	76	2151

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.190	11.190	28.730	2190	2190	1486.7	0	0	5929
	9.9	10.0	11.050	11.049	28.720	2191	2191	1486.4	59	3	5914
	19.8	20.0	10.380	10.378	28.750	2205	2205	1484.1	118	12	5788
	29.8	30.0	3.000	2.998	30.380	2423	2423	1456.8	162	23	3702
	49.6	50.0	-0.189	-0.189	31.600	2540	2540	1444.5	223	48	2587

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 111

LAT	N47 55.80	YEAR	1968	WAVE-P/H		WIND-DIR	000	WW	02	COUN	18
LONG W	63 53.50	MONTH	6	SWEL-P/H		WIND-SPD	00	CLO-A	6	INST	10
DEPTH	79.0	DAY	24	SWEL-D		AIR-TEM	10.8			RESTR	
MARSD SQ	151	H/M	1108	BARO	1015.0	WET-BLB	8.5			UNAS	4A

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1108	0.0	0.0M	10.38 D	10.380	28.88 D	2215	2215	1484.0C	0	0	5689
1108	5.0	5.0M	9.95 D	9.949	28.93 D	2226	2226	1482.5C	28	1	5586
1108	9.9	10.0M	9.58 D	9.579	29.34 D	2263	2263	1481.8C	55	3	5227
1108	14.9	15.0M	9.21 D	9.208	29.44 D	2277	2277	1480.6C	81	6	5099
1108	19.8	20.0M	7.21 D	7.208	30.14 D	2359	2359	1473.8C	105	10	4308
1108	24.8	25.0M	5.40 D	5.398	30.38 D	2400	2400	1466.9C	125	15	3920
1108	29.8	30.0M	3.95 D	3.948	30.68 D	2438	2438	1461.3C	144	20	3554
1108	39.7	40.0M	2.81 D	2.808	31.43 D	2508	2508	1457.6C	176	32	2892
1108	49.6	50.0M	0.06 D	0.058	31.86 D	2559	2560	1446.0C	202	44	2398
1108	59.5	60.0M	-0.50 D	-0.501	32.18 D	2588	2588	1444.0C	225	56	2131
1108	69.5	70.0M	-0.48 D	-0.481	32.40 D	2605	2605	1444.6C	245	70	1963
1108	78.4	79.0M	-0.47 D	-0.471	32.57 D	2619	2619	1445.0C	262	83	1832

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.380	10.380	28.880	2215	2215	1484.0	0	0	5689
	9.9	10.0	9.580	9.579	29.340	2263	2263	1481.8	55	3	5227
	19.8	20.0	7.210	7.208	30.140	2359	2359	1473.8	105	10	4308
	29.8	30.0	3.950	3.948	30.680	2438	2438	1461.3	144	20	3554
	49.6	50.0	0.060	0.058	31.860	2559	2560	1446.0	202	44	2398
	74.4	75.0	-0.473W	-0.474	32.494W	2613	2613	1444.8W	254	77	1890

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 112

LAT	N47 55.80	YEAR	1968	WAVE-P/H	WIND-DIR	000	WW	02	COUN	18
LONG	W 63 38.60	MONTH	6	SWEL-P/H	WIND-SPD	00	CLD-A	6	INST	10
DEPTH	65.0	DAY	24	SWEL-D	AIR-TEM	10.8			RESTR	
MARSD SQ	151	H/M	1202	BARD	1015.0	WET-BLB	8.5		UNAS	48

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1202	0.0	0.0M	11.19 D	11.190	28.78 D	2194	2194	1486.8C	0	0	5892
1202	5.0	5.0M	11.20 D	11.199	28.80 D	2195	2195	1486.9C	29	1	5879
1202	9.9	10.0M	10.70 D	10.699	28.80 D	2203	2203	1485.2C	59	3	5799
1202	14.9	15.0M	10.43 D	10.428	28.80 D	2208	2208	1484.3C	83	7	5758
1202	19.8	20.0M	7.00 D	6.998	29.26 D	2293	2293	1471.9C	115	11	4941
1202	24.8	25.0M	6.47 D	6.468	30.28 D	2380	2380	1471.2C	137	17	4115
1202	29.8	30.0M	4.76 D	4.758	30.81 D	2441	2441	1464.9C	156	22	3532
1202	39.7	40.0M	0.51 D	0.509	31.33 D	2515	2515	1447.2C	188	33	2824
1202	49.6	50.0M	-0.31 D	-0.310	31.64 D	2543	2543	1444.0C	214	45	2552
1202	59.5	60.0M	-0.50 D	-0.501	31.74 D	2552	2552	1443.4C	239	59	2467

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.190	11.190	28.780	2194	2194	1486.8	0	0	5892
	9.9	10.0	10.700	10.699	28.800	2203	2203	1485.2	59	3	5799
	19.8	20.0	7.000	6.998	29.260	2293	2293	1471.9	115	11	4941
	29.8	30.0	4.760	4.758	30.810	2441	2441	1464.9	156	22	3532
	49.6	50.0	-0.309	-0.309	31.640	2543	2543	1444.0	214	45	2552

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 113

LAT	N47 55.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	160	WW	01	COUN	18
LONG	W 63 23.80	MONTH	6	SWEL-P/H		WIND-SPD	05	CLD-A	4	INST	10
DEPTH	77.0	DAY	24	SWEL-D		AIR-TEM	11.0			RESTR	
MARSD SQ	151	H/M	1338	BARO	1015.0	WET-BLB	9.8			UNAS	4C

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1338	0.0	0.0M	11.37 D	11.370	28.75 D	2188	2188	1487.4C	0	0	5943
1338	5.0	5.0M	11.36 D	11.359	28.74 D	2188	2188	1487.4C	30	1	5950
1338	9.9	10.0M	10.81 D	10.809	28.74 D	2197	2197	1485.5C	59	3	5861
1338	14.9	15.0M	10.50 D	10.498	28.81 D	2207	2207	1484.6C	88	7	5761
1338	19.8	20.0M	7.00 D	6.998	29.62 D	2321	2321	1472.3C	115	11	4671
1338	24.8	25.0M	3.89 D	3.888	30.26 D	2406	2406	1460.4C	136	16	3866
1338	29.8	30.0M	3.35 D	3.348	30.62 D	2439	2439	1458.7C	154	21	3548
1338	39.7	40.0M	1.12 D	1.118	31.31 D	2510	2510	1449.9C	186	33	2871
1338	49.6	50.0M	-0.60 D	-0.600	31.59 D	2540	2540	1442.6C	213	45	2579
1338	59.5	60.0M	-0.77 D	-0.770	31.89 D	2565	2565	1442.4C	238	59	2344
1338	69.5	70.0M	-0.78 D	-0.781	32.03 D	2576	2576	1442.7C	261	74	2236

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.370	11.370	28.750	2188	2188	1487.4	0	0	5943
	9.9	10.0	10.810	10.809	28.740	2197	2197	1485.5	59	3	5861
	19.8	20.0	7.000	6.998	29.620	2321	2321	1472.3	115	11	4671
	29.8	30.0	3.350	3.348	30.620	2439	2439	1458.7	154	21	3548
	49.6	50.0	-0.599	-0.599	31.590	2540	2540	1442.6	213	45	2579

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 114

LAT	N47 55.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	150	WW	02	COUN	18
LONG W	63 8.90	MONTH	6	SWEL-P/H		WIND-SPD	06	CLD-A	4	INST	10
DEPTH	63.0	DAY	24	SWEL-D		AIR-TEM	10.7			RESTR	
MARSD SQ	151	H/M	1450	BARO	1014.5	WET-BLB	9.3			UNAS	40

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1450	0.0	0.0M	10.92 D	10.920	28.90 D	2207	2207	1486.0C	0	0	5759
1450	5.0	5.0M	10.91 D	10.909	28.92 D	2209	2209	1486.0C	29	1	5742
1450	9.9	10.0M	10.72 D	10.719	28.91 D	2212	2212	1485.4C	57	3	5720
1450	14.9	15.0M	10.12 D	10.118	28.87 D	2218	2218	1483.3C	86	7	5658
1450	19.8	20.0M	6.60 D	6.598	30.08 D	2362	2363	1471.3C	111	11	4279
1450	24.8	25.0M	4.34 D	4.338	30.53 D	2423	2423	1462.7C	130	15	3702
1450	29.8	30.0M	3.89 D	3.888	30.83 D	2451	2451	1461.3C	148	20	3435
1450	39.7	40.0M	0.54 D	0.539	31.36 D	2517	2517	1447.4C	179	31	2802
1450	49.6	50.0M	-0.30 D	-0.300	31.61 D	2541	2541	1444.0C	206	44	2575
1450	59.5	60.0M	-0.60 D	-0.601	31.88 D	2564	2564	1443.2C	231	58	2357

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.920	10.920	28.900	2207	2207	1486.0	0	0	5759
	9.9	10.0	10.720	10.719	28.910	2212	2212	1485.4	57	3	5720
	19.8	20.0	6.600	6.598	30.080	2362	2363	1471.3	111	11	4279
	29.8	30.0	3.890	3.888	30.830	2451	2451	1461.3	148	20	3435
	49.6	50.0	-0.299	-0.299	31.610	2541	2541	1444.0	206	44	2575

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 115

LAT	N47 55.80	YEAR	1968	WAVE-P/H	1302	WIND-DIR	170	WW	02	COUN	18
LONG W	62 54.10	MONTH	6	SWEL-P/H		WIND-SPD	06	CLD-A	5	INST	10
DEPTH	66.0	DAY	24	SWEL-D		AIR-TEM	11.8			RESTR	
MARSD SQ	151	H/M	1558	BARO	1014.0	WET-BLB	9.8			UNAS	4E

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1558	0.0	0.0M	10.50 D	10.500	29.14 D	2233	2233	1484.8C	0	0	5514
1558	5.0	5.0M	10.34 D	10.339	29.18 D	2239	2239	1484.3C	27	1	5460
1558	9.9	10.0M	9.78 D	9.779	29.57 D	2278	2278	1482.8C	54	3	5085
1558	14.9	15.0M	8.94 D	8.938	30.00 D	2324	2324	1480.3C	78	6	4643
1558	19.8	20.0M	8.80 D	8.798	30.28 D	2348	2348	1480.2C	101	10	4415
1558	24.8	25.0M	5.50 D	5.498	30.51 D	2409	2409	1467.5C	122	15	3833
1558	29.8	30.0M	3.00 D	2.998	31.03 D	2475	2475	1457.7C	139	19	3209
1558	39.7	40.0M	-0.20 D	-0.200	31.92 D	2565	2565	1444.7C	166	29	2342
1558	49.6	50.0M	-0.53 D	-0.530	32.20 D	2589	2589	1443.8C	189	39	2115
1558	59.5	60.0M	-0.53 D	-0.531	32.32 D	2599	2599	1444.1C	209	51	2023

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.500	10.500	29.140	2233	2233	1484.8	0	0	5514
	9.9	10.0	9.780	9.779	29.570	2278	2278	1482.8	54	3	5085
	19.8	20.0	8.800	8.798	30.280	2348	2348	1480.2	101	10	4415
	29.8	30.0	3.000	2.998	31.030	2475	2475	1457.7	139	19	3209
	49.6	50.0	-0.529	-0.529	32.200	2589	2589	1443.8	189	39	2115

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 116

LAT	N47 55.80	YEAR	1968	WAVE-P/H	1302	WIND-DIR	180	WW	02	COUN	18
LONG W	62 39.20	MONTH	6	SWEL-P/H		WIND-SPD	05	CLD-A	5	INST	10
DEPTH	60.0	DAY	24	SWEL-D		AIR-TEM	11.0			RESTR	
MARSD SQ	151	H/M	1653	BARO	1014.5	WET-BLB	9.5			UNAS	4F

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1653	0.0	0.0M	10.22 D	10.220	29.23 D	2245	2245	1483.8C	0	0	5404
1653	5.0	5.0M	9.70 D	9.699	29.64 D	2285	2285	1482.5C	26	1	5021
1653	9.9	10.0M	7.76 D	7.759	30.09 D	2348	2348	1475.8C	50	2	4415
1653	14.9	15.0M	6.87 D	6.869	30.35 D	2380	2380	1472.7C	71	5	4108
1653	19.8	20.0M	5.31 D	5.308	30.69 D	2425	2426	1466.9C	90	9	3677
1653	24.8	25.0M	6.07 D	6.068	31.13 D	2451	2451	1470.7C	108	13	3431
1653	29.8	30.0M	3.69 D	3.688	31.42 D	2500	2500	1461.2C	124	17	2972
1653	39.7	40.0M	-0.36 D	-0.360	31.77 D	2554	2554	1443.8C	151	27	2451
1653	49.6	50.0M	-0.47 D	-0.470	32.11 D	2582	2582	1443.9C	174	37	2186
1653	59.5	60.0M	-0.50 D	-0.501	32.40 D	2605	2605	1444.3C	195	49	1962

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.220	10.220	29.230	2245	2245	1483.8	0	0	5404
	9.9	10.0	7.760	7.759	30.090	2348	2348	1475.8	50	2	4415
	19.8	20.0	5.310	5.308	30.690	2425	2426	1466.9	90	9	3677
	29.8	30.0	3.690	3.688	31.420	2500	2500	1461.2	124	17	2972
	49.6	50.0	-0.469	-0.469	32.110	2582	2582	1443.9	174	37	2186

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 117

LAT	N47 55.80	YEAR	1968	WAVE-P/H	1302	WIND-DIR	180	WW	02	COUN	18
LONG	W 62 24.40	MONTH	6	SWEL-P/H		WIND-SPD	04	CLD-A	5	INST	10
DEPTH	80.0	DAY	24	SWEL-D		AIR-TEM	11.5			RESTR	
MARSD	SQ 151	H/M	1746	BARO	1014.0	WET-BLB	10.0			UNAS	46

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1746	0.0	0.0M	10.45 D	10.450	29.63 D	2272	2272	1485.2C	0	0	5143
1746	5.0	5.0M	10.29 D	10.289	29.86 D	2292	2292	1485.0C	25	1	4947
1746	9.9	10.0M	8.93 D	8.929	30.18 D	2339	2339	1480.4C	49	2	4507
1746	14.9	15.0M	7.82 D	7.819	30.60 D	2387	2387	1476.8C	70	5	4042
1746	19.8	20.0M	3.20 D	3.199	31.05 D	2474	2474	1458.4C	88	8	3210
1746	24.8	25.0M	0.71 D	0.709	31.36 D	2516	2516	1447.9C	103	12	2811
1746	29.8	30.0M	0.09 D	0.089	31.81 D	2555	2555	1445.8C	117	15	2439
1746	39.7	40.0M	-0.52 D	-0.520	32.10 D	2581	2581	1443.5C	139	24	2192
1746	49.6	50.0M	-0.51 D	-0.510	32.39 D	2605	2605	1444.1C	160	33	1970
1746	59.5	60.0M	-0.33 D	-0.331	32.47 D	2610	2610	1445.2C	180	44	1916
1746	69.5	70.0M	-0.09 D	-0.091	32.61 D	2621	2621	1446.7C	198	56	1818

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.450	10.450	29.630	2272	2272	1485.2	0	0	5143
	9.9	10.0	8.930	8.929	30.180	2339	2339	1480.4	49	2	4507
	19.8	20.0	3.200	3.199	31.050	2474	2474	1458.4	88	8	3210
	29.8	30.0	0.090	0.089	31.810	2555	2555	1445.8	117	15	2439
	49.6	50.0	-0.509	-0.509	32.390	2605	2605	1444.1	160	33	1970

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 118

LAT	N48	5.80	YEAR	1968	WAVE-P/H	1302	WIND-DIR	180	WW	03	COUN	18
LONG	W 62	24.40	MONTH	6	SWEL-P/H		WIND-SPD	05	CLD-A	6	INST	10
DEPTH		57.0	DAY	24	SWEL-D		AIR-TEM	12.0			RESTR	
MARSD	SQ	151	H/M	1845	BARO	1014.2	WET-BLB	10.0			UNAS	3G

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1845	0.0	0.0M	8.82 D	8.820	31.02 D	2406	2406	1480.9C	0	0	3866
1845	5.0	5.0M	8.79 D	8.789	31.07 D	2410	2410	1480.9C	19	0	3824
1845	9.9	10.0M	8.40 D	8.399	31.16 D	2423	2423	1479.6C	38	2	3703
1845	14.9	15.0M	7.75 D	7.749	31.24 D	2438	2438	1477.3C	56	4	3555
1845	19.8	20.0M	7.63 D	7.628	31.25 D	2441	2441	1476.9C	74	7	3533
1845	24.8	25.0M	7.00 D	6.998	31.29 D	2452	2452	1474.6C	91	11	3422
1845	29.8	30.0M	2.10 D	2.099	31.61 D	2528	2528	1454.6C	107	16	2703
1845	39.7	40.0M	-0.24 D	-0.240	32.09 D	2579	2579	1444.8C	131	24	2211
1845	49.6	50.0M	-0.60 D	-0.600	32.29 D	2597	2597	1443.6C	152	34	2043

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	8.820	8.820	31.020	2406	2406	1480.9	0	0	3866
	9.9	10.0	8.400	8.399	31.160	2423	2423	1479.6	38	2	3703
	19.8	20.0	7.630	7.628	31.250	2441	2441	1476.9	74	7	3533
	29.8	30.0	2.100	2.099	31.610	2528	2528	1454.6	107	16	2703
	49.6	50.0	-0.599	-0.599	32.290	2597	2597	1443.6	152	34	2043

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 119

LAT	N48	5.80	YEAR	1968	WAVE-P/H	1302	WIND-DIR	150	WW	03	COUN	18
LONG	W 62	39.20	MONTH	6	SWEL-P/H		WIND-SPD	05	CLD-A	8	INST	10
DEPTH		86.0	DAY	24	SWEL-D		AIR-TEM	12.0			RESTR	
MARSD	SQ	151	H/M	1936	BARO	1013.0	WET-BLB	10.0			UNAS	3F

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1936	0.0	0.0M	9.15 D	9.150	30.50 D	2360	2360	1481.5C	0	0	4300
1936	5.0	5.0M	8.64 D	8.639	30.80 D	2391	2391	1480.0C	21	1	4004
1936	9.9	10.0M	8.40 D	8.399	30.80 D	2395	2395	1479.2C	41	2	3971
1936	14.9	15.0M	8.08 D	8.079	30.84 D	2402	2402	1478.1C	60	5	3898
1936	19.8	20.0M	7.10 D	7.098	30.97 D	2426	2426	1474.5C	79	8	3673
1936	24.8	25.0M	3.40 D	3.398	31.51 D	2509	2509	1460.0C	96	12	2879
1936	29.8	30.0M	1.52 D	1.519	31.73 D	2541	2541	1452.1C	109	15	2575
1936	39.7	40.0M	-0.60 D	-0.600	31.97 D	2571	2571	1443.0C	133	24	2289
1936	49.6	50.0M	-0.49 D	-0.490	32.21 D	2590	2590	1444.0C	155	34	2109
1936	59.5	60.0M	-0.57 D	-0.571	32.29 D	2597	2597	1443.9C	176	46	2044
1936	69.4	70.0M	-0.15 D	-0.151	32.53 D	2614	2614	1446.3C	196	59	1877
1936	79.4	80.0M	0.25 D	0.247	32.77 D	2632	2632	1448.6C	214	72	1712

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.150	9.150	30.500	2360	2360	1481.5	0	0	4300
	9.9	10.0	8.400	8.399	30.800	2395	2395	1479.2	41	2	3971
	19.8	20.0	7.100	7.098	30.970	2426	2426	1474.5	79	8	3673
	29.8	30.0	1.520	1.519	31.730	2541	2541	1452.1	109	15	2575
	49.6	50.0	-0.489	-0.489	32.210	2590	2590	1444.0	155	34	2109
	74.4	75.0	0.050W	0.048	32.650W	2623	2623	1447.5W	205	66	1795

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 120

LAT	N48	5.80	YEAR	1968	WAVE-P/H	1302	WIND-DIR	150	WW	02	COUN	18
LONG	W 62	54.10	MONTH	6	SWEL-P/H		WIND-SPD	05	CLD-A	8	INST	10
DEPTH		65.0	DAY	24	SWEL-D		AIR-TEM	12.0			RESTR	
MARSD	SQ	151	H/M	2030	BARO	1013.0	WET-BLB	10.0			UNAS	3E

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2030	0.0	0.0M	10.53 D	10.530	29.52 D	2262	2262	1485.3C	0	0	5237
2030	5.0	5.0M	10.58 D	10.579	29.50 D	2260	2260	1485.6C	26	1	5260
2030	9.9	10.0M	10.58 D	10.579	29.50 D	2260	2260	1485.7C	53	3	5261
2030	14.9	15.0M	9.17 D	9.168	29.87 D	2311	2311	1481.0C	78	6	4773
2030	19.8	20.0M	6.67 D	6.668	30.52 D	2396	2396	1472.2C	100	10	3958
2030	24.8	25.0M	4.50 D	4.498	30.88 D	2449	2449	1463.8C	118	14	3454
2030	29.8	30.0M	2.85 D	2.848	31.11 D	2482	2482	1457.2C	135	19	3138
2030	39.7	40.0M	-0.47 D	-0.470	31.87 D	2562	2562	1443.4C	162	28	2370
2030	49.6	50.0M	-0.60 D	-0.600	31.83 D	2560	2560	1442.9C	186	39	2395
2030	59.5	60.0M	-0.61 D	-0.611	32.12 D	2583	2583	1443.4C	208	52	2173

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.530	10.530	29.520	2262	2262	1485.3	0	0	5237
	9.9	10.0	10.580	10.579	29.500	2260	2260	1485.7	53	3	5261
	19.8	20.0	6.670	6.668	30.520	2396	2396	1472.2	100	10	3958
	29.8	30.0	2.850	2.848	31.110	2482	2482	1457.2	135	19	3138
	49.6	50.0	-0.599	-0.599	31.830	2560	2560	1442.9	186	39	2395

DEPTH	PRESS	CXY
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CRUISE NUMBER 68033 STATION NUMBER 121

LAT	N48	5.80	YEAR	1968	WAVE-P/H	1302	WIND-OIR	150	WW	02	COUN	18
LONG	W 63	8.90	MONTH	6	SWEL-P/H		WIND-SPD	05	CLD-A	8	INST	10
DEPTH		62.0	DAY	24	SWEL-D		AIR-TEM	12.0			RESTR	
MARSD	SQ	151	H/M	2127	BARO	1013.0	WET-BLB	10.0			UNAS	30

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2127	0.0	0.0M	11.02 D	11.020	28.83 D	2200	2200	1486.3C	0	0	5827
2127	5.0	5.0M	11.01 D	11.009	28.83 D	2201	2201	1486.3C	29	1	5826
2127	9.9	10.0M	10.74 D	10.739	28.96 D	2215	2215	1485.6C	58	3	5687
2127	14.9	15.0M	5.30 D	5.299	30.22 D	2389	2389	1466.1C	82	6	4029
2127	19.8	20.0M	3.50 D	3.499	30.62 D	2438	2438	1459.2C	101	9	3560
2127	24.8	25.0M	2.25 D	2.249	30.88 D	2468	2468	1454.1C	118	13	3268
2127	29.8	30.0M	1.05 D	1.049	31.00 D	2486	2486	1449.0C	134	18	3103
2127	39.7	40.0M	-0.28 D	-0.280	31.55 D	2536	2536	1443.9C	163	28	2622
2127	49.6	50.0M	-0.29 D	-0.290	31.98 D	2571	2571	1444.6C	187	39	2293
2127	59.5	60.0M	-0.50 D	-0.501	32.30 D	2597	2597	1444.2C	209	51	2039

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.020	11.020	28.830	2200	2200	1486.3	0	0	5827
	9.9	10.0	10.740	10.739	28.960	2215	2215	1485.6	58	3	5687
	19.8	20.0	3.500	3.499	30.620	2438	2438	1459.2	101	9	3560
	29.8	30.0	1.050	1.049	31.000	2486	2486	1449.0	134	18	3103
	49.6	50.0	-0.289	-0.289	31.980	2571	2571	1444.6	187	39	2293

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 122

LAT	N48	5.80	YEAR	1968	WAVE-P/H	1302	WIND-DIR	150	WW	02	COUN	18
LONG	W 63	23.80	MONTH	6	SWEL-P/H		WIND-SPD	05	CLD-A	8	INST	10
DEPTH		59.0	DAY	24	SWEL-D		AIR-TEM	12.8			RESTR	
MARSD	SQ	151	H/M	2217	BARO	1013.0	WET-BLB	11.0			UNAS	3C

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2217	0.0	0.0M	10.40 D	10.400	29.34 D	2250	2250	1484.6C	0	0	5350
2217	5.0	5.0M	10.40 D	10.399	29.34 D	2250	2250	1484.7C	27	1	5350
2217	9.9	10.0M	10.39 D	10.389	29.32 D	2249	2249	1484.7C	54	3	5365
2217	14.9	15.0M	9.89 D	9.888	29.40 D	2263	2263	1483.1C	80	6	5229
2217	19.8	20.0M	6.20 D	6.198	30.13 D	2371	2371	1469.8C	104	10	4195
2217	24.8	25.0M	7.00 D	6.998	31.14 D	2441	2441	1474.4C	123	15	3535
2217	29.8	30.0M	5.89 D	5.888	31.37 D	2473	2473	1470.3C	140	19	3231
2217	39.7	40.0M	1.62 D	1.618	31.51 D	2523	2523	1452.5C	170	30	2748
2217	49.6	50.0M	-0.39 D	-0.390	32.01 D	2573	2573	1444.2C	195	41	2265

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.400	10.400	29.340	2250	2250	1484.6	0	0	5350
	9.9	10.0	10.390	10.389	29.320	2249	2249	1484.7	54	3	5365
	19.8	20.0	6.200	6.198	30.130	2371	2371	1469.8	104	10	4195
	29.8	30.0	5.890	5.888	31.370	2473	2473	1470.3	140	19	3231
	49.6	50.0	-0.389	-0.389	32.010	2573	2573	1444.2	195	41	2265

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 123

LAT	N48	5.80	YEAR	1968	WAVE-P/H	1302	WIND-DIR	150	WW	02	COUN	18
LONG	W 63	38.60	MONTH	6	SWEL-P/H		WIND-SPD	05	CLD-A	8	INST	10
DEPTH		86.0	DAY	24	SWEL-D		AIR-TEM	12.8			RESTR	
MARSD SQ		151	H/M	2310	BARO	1013.0	WET-BLB	11.0			UNAS	38

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2310	0.0	0.0M	11.24 D	11.240	28.91 D	2203	2203	1487.1C	0	0	5804
2310	5.0	5.0M	11.26 D	11.259	28.91 D	2202	2203	1487.3C	29	1	5807
2310	9.9	10.0M	11.25 D	11.249	28.89 D	2201	2201	1487.3C	58	3	5821
2310	14.9	15.0M	10.42 D	10.418	28.87 D	2213	2213	1484.4C	87	7	5704
2310	19.8	20.0M	7.00 D	6.998	29.90 D	2343	2343	1472.7C	113	11	4462
2310	24.8	25.0M	4.19 D	4.188	30.54 D	2425	2425	1462.1C	133	16	3680
2310	29.8	30.0M	3.89 D	3.888	30.92 D	2458	2458	1461.4C	150	21	3367
2310	39.7	40.0M	2.69 D	2.688	31.53 D	2517	2517	1457.2C	181	32	2808
2310	49.6	50.0M	0.34 D	0.338	31.91 D	2562	2562	1447.4C	207	43	2373
2310	59.5	60.0M	-0.14 D	-0.141	32.32 D	2597	2597	1445.9C	229	56	2038
2310	69.4	70.0M	-0.26 D	-0.261	32.48 D	2611	2611	1445.7C	249	69	1910
2310	79.4	80.0M	0.08 D	0.077	32.69 D	2626	2626	1447.8C	267	83	1765

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.240	11.240	28.910	2203	2203	1487.1	0	0	5804
	9.9	10.0	11.250	11.249	28.890	2201	2201	1487.3	58	3	5821
	19.8	20.0	7.000	6.998	29.900	2343	2343	1472.7	113	11	4462
	29.8	30.0	3.890	3.888	30.920	2458	2458	1461.4	150	21	3367
	49.6	50.0	0.340	0.338	31.910	2562	2562	1447.4	207	43	2373
	74.4	75.0	-0.089W	-0.091	32.585W	2619	2619	1446.8W	258	76	1838

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 124

LAT	N48	5.80	YEAR	1968	WAVE-P/H	1302	WIND-DIR	150	WW	02	COUN	18
LONG	W 63	53.50	MONTH	6	SWEL-P/H		WIND-SPD	05	CLD-A	8	INST	10
DEPTH		95.0	DAY	25	SWEL-D		AIR-TEM	12.8			RESTR	
MARSD	SQ	151	H/M	0004	BARO	1013.0	WET-BLB	11.0			UNAS	3A

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0004	0.0	0.0M	10.92 D	10.920	29.01 D	2216	2216	1486.1C	0	0	5678
0004	5.0	5.0M	10.91 D	10.909	29.02 D	2217	2217	1486.2C	28	1	5669
0004	9.9	10.0M	9.30 D	9.299	29.45 D	2276	2276	1480.9C	55	3	5104
0004	14.9	15.0M	9.23 D	9.228	29.50 D	2281	2281	1480.7C	81	6	5057
0004	19.8	20.0M	8.50 D	8.498	30.06 D	2335	2336	1478.8C	105	10	4537
0004	24.8	25.0M	6.30 D	6.298	30.41 D	2392	2392	1470.6C	126	15	3997
0004	29.8	30.0M	3.40 D	3.398	30.61 D	2438	2438	1458.9C	145	20	3559
0004	39.7	40.0M	0.79 D	0.788	31.70 D	2543	2543	1449.0C	175	31	2556
0004	49.6	50.0M	0.10 D	0.098	31.90 D	2563	2563	1446.3C	200	42	2369
0004	59.5	60.0M	0.00 D	-0.001	32.22 D	2589	2589	1446.4C	222	55	2121
0004	69.4	70.0M	0.00 D	-0.001	32.30 D	2595	2595	1446.7C	243	69	2059
0004	79.4	80.0M	0.07 D	0.067	32.45 D	2607	2607	1447.4C	263	84	1947
0004	89.3	90.0M	0.11 D	0.107	32.54 D	2614	2614	1447.9C	282	101	1880

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.920	10.920	29.010	2216	2216	1486.1	0	0	5678
	9.9	10.0	9.300	9.299	29.450	2276	2276	1480.9	55	3	5104
	19.8	20.0	8.500	8.498	30.060	2335	2336	1478.8	105	10	4537
	29.8	30.0	3.400	3.398	30.610	2438	2438	1458.9	145	20	3559
	49.6	50.0	0.100	0.098	31.900	2563	2563	1446.3	200	42	2369
	74.4	75.0	0.035W	0.033	32.376C	2601	2601	1447.1A	253	76	2002

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 125

LAT	N47 25.80	YEAR	1968	WAVE-P/H	1302	WIND-DIR	150	WW	02	COUN	18
LONG	W 63 53.50	MONTH	6	SWEL-P/H		WIND-SPD	05	CLD-A	8	INST	10
DEPTH	53.0	DAY	25	SWEL-D		AIR-TEM	14.0			RESTR	
MARSD SQ	151	H/M	0330	BARD	1008.0	WET-BLB	13.2			UNAS	7A

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0330	0.0	0.0M	11.29 D	11.290	28.84 D	2197	2197	1487.2C	0	0	5864
0330	5.0	5.0M	11.28 D	11.279	28.83 D	2196	2196	1487.3C	29	1	5869
0330	9.9	10.0M	10.90 D	10.899	28.77 D	2198	2198	1485.9C	59	3	5853
0330	14.9	15.0M	10.33 D	10.328	28.88 D	2216	2216	1484.0C	88	7	5683
0330	19.8	20.0M	8.50 D	8.498	29.40 D	2284	2284	1477.9C	114	11	5029
0330	24.8	25.0M	5.87 D	5.868	30.00 D	2365	2365	1468.4C	138	17	4256
0330	29.8	30.0M	3.19 D	3.188	30.54 D	2434	2434	1457.9C	157	22	3595
0330	39.7	40.0M	0.25 D	0.249	31.20 D	2506	2506	1445.8C	189	34	2912
0330	49.6	50.0M	-0.62 D	-0.620	31.42 D	2527	2527	1442.3C	217	46	2709

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.290	11.290	28.840	2197	2197	1487.2	0	0	5864
	9.9	10.0	10.900	10.899	28.770	2198	2198	1485.9	59	3	5853
	19.8	20.0	8.500	8.498	29.400	2284	2284	1477.9	114	11	5029
	29.8	30.0	3.190	3.188	30.540	2434	2434	1457.9	157	22	3595
	49.6	50.0	-0.619	-0.619	31.420	2527	2527	1442.3	217	46	2709

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 126

LAT	N47 15.80	YEAR	1968	WAVE-P/H	1302	WIND-DIR	210	WW	02	COUN	19
LONG W	63 53.50	MONTH	6	SWEL-P/H		WIND-SPD	08	CLD-A	0	INST	10
DEPTH	40.0	DAY	25	SWEL-D		AIR-TEM	14.5			RESTR	
MARSD SQ	151	H/M	0424	BARO	1007.0	WET-BLB	13.0			UNAS	8A

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0424	0.0	0.0M	12.10 D	12.100	28.71 D	2172	2172	1489.9C	0	0	6096
0424	5.0	5.0M	12.08 D	12.079	28.71 D	2173	2173	1490.0C	30	1	6092
0424	9.9	10.0M	10.87 D	10.869	29.24 D	2235	2235	1486.4C	59	3	5500
0424	14.9	15.0M	10.41 D	10.408	29.28 D	2245	2245	1484.8C	87	6	5398
0424	19.8	20.0M	6.00 D	5.998	29.95 D	2359	2359	1468.7C	111	11	4308
0424	24.8	25.0M	2.50 D	2.499	30.38 D	2427	2427	1454.6C	131	15	3665
0424	29.8	30.0M	2.11 D	2.109	30.41 D	2432	2432	1453.0C	149	20	3615

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	12.100	12.100	28.710	2172	2172	1489.9	0	0	6096
	9.9	10.0	10.870	10.869	29.240	2235	2235	1486.4	59	3	5500
	19.8	20.0	6.000	5.998	29.950	2359	2359	1468.7	111	11	4308
	29.8	30.0	2.110	2.109	30.410	2432	2432	1453.0	149	20	3615

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 127

LAT	N47	5.80	YEAR	1968	WAVE-P/H	1302	WIND-DIR	210	WW	02	COUN	18
LONG	W 63	53.50	MONTH	6	SWEL-P/H		WIND-SPD	08	CLD-A	0	INST	10
DEPTH		24.0	DAY	25	SWEL-D		AIR-TEM	14.5			RESTR	
MARSD	SQ	151	H/M	0524	BARO	1007.0	WET-BLB	13.0			UNAS	9A

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0524	0.0	0.0M	11.80 D	11.800	28.87 D	2190	2190	1489.1C	0	0	5927
0524	5.0	5.0M	11.70 D	11.699	28.87 D	2192	2192	1488.8C	30	1	5910
0524	9.9	10.0M	11.51 D	11.509	28.87 D	2195	2195	1488.2C	59	3	5879
0524	14.9	15.0M	9.90 D	9.898	29.35 D	2259	2259	1483.1C	87	7	5268
0524	19.8	20.0M	7.20 D	7.198	29.54 D	2313	2313	1473.0C	112	11	4756

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.800	11.800	28.870	2190	2190	1489.1	0	0	5927
	9.9	10.0	11.510	11.509	28.870	2195	2195	1488.2	59	3	5879
	19.8	20.0	7.200	7.198	29.540	2313	2313	1473.0	112	11	4756

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 128

LAT	N46 55.70	YEAR	1968	WAVE-P/H	1302	WIND-DIR	210	WW	02	COUN	18
LONG	W 63 53.50	MONTH	6	SWEL-P/H		WIND-SPD	08	CLD-A	0	INST	10
DEPTH	20.0	DAY	25	SWEL-D		AIR-TEM	14.5			RESTR	
MARSD	SQ 151	H/M	0621	BARO	1008.0	WET-BLB	13.0			UNAS	10A

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0621	0.0	0.0M	12.00 D	12.000	28.92 D	2190	2190	1489.9C	0	0	5923
0621	5.0	5.0M	11.81 D	11.809	28.92 D	2194	2194	1489.3C	30	1	5891
0621	9.9	10.0M	11.31 D	11.309	28.88 D	2199	2199	1487.5C	59	3	5838
0621	14.9	15.0M	10.70 D	10.698	28.90 D	2211	2211	1485.4C	88	7	5726
0621	19.8	20.0M	10.21 D	10.208	28.94 D	2222	2222	1483.8C	116	12	5621

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	12.000	12.000	28.920	2190	2190	1489.9	0	0	5923
	9.9	10.0	11.310	11.309	28.880	2199	2199	1487.5	59	3	5838
	19.8	20.0	10.210	10.208	28.940	2222	2222	1483.8	116	12	5621

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 129

LAT	N46 45.60	YEAR	1968	WAVE-P/H	1302	WIND-DIR	210	WW	02	COUN	18
LONG W	63 53.50	MONTH	6	SWEL-P/H		WIND-SPD	08	CLD-A	0	INST	10
DEPTH	22.0	DAY	25	SWEL-D		AIR-TEM	14.5			RESTR	
MARSD SQ	151	H/M	0717	BARO	1008.0	WET-BLB	13.0			UNAS	11A

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0717	0.0	0.0M	12.40 D	12.400	29.03 D	2192	2192	1491.4C	0	0	5911
0717	5.0	5.0M	11.81 D	11.809	29.10 D	2208	2208	1489.5C	29	1	5758
0717	9.9	10.0M	11.13 D	11.129	29.11 D	2220	2220	1487.2C	58	3	5638
0717	14.9	15.0M	10.59 D	10.588	29.18 D	2235	2235	1485.4C	86	6	5500
0717	19.8	20.0M	9.35 D	9.348	29.86 D	2307	2307	1481.7C	111	11	4807

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	12.400	12.400	29.030	2192	2192	1491.4	0	0	5911
	9.9	10.0	11.130	11.129	29.110	2220	2220	1487.2	58	3	5638
	19.8	20.0	9.350	9.348	29.860	2307	2307	1481.7	111	11	4807

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 130

LAT	N46 45.60	YEAR	1968	WAVE-P/H	1302	WIND-DIR	210	WV	60	CDUN	18
LONG	W 63 38.60	MONTH	6	SWEL-P/H		WIND-SPD	07	CLD-A	8	INST	10
DEPTH	32.0	DAY	25	SWEL-D		AIR-TEM	13.4			RESTR	
MARSD	SQ 151	H/M	0815	BARO	1008.5	WET-BLB	12.5			UNAS	118

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEUA	CHI	SVA
0815	0.0	0.0M	11.95 D	11.950	29.12 D	2207	2207	1489.9C	0	0	5767
0815	5.0	5.0M	11.93 D	11.929	29.12 D	2207	2207	1489.9C	29	1	5764
0815	9.9	10.0M	11.72 D	11.719	29.09 D	2208	2208	1489.2C	58	3	5751
0815	14.9	15.0M	10.10 D	10.098	29.22 D	2246	2246	1483.6C	86	6	5394
0815	19.8	20.0M	9.22 D	9.218	29.60 D	2289	2289	1480.9C	112	11	4982
0815	24.8	25.0M	6.78 D	6.778	29.94 D	2349	2349	1472.0C	135	16	4406
0815	29.8	30.0M	4.25 D	4.248	30.57 D	2427	2427	1462.5C	155	22	3664

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEUA	CHI	SVA
	0.0	0.0	11.950	11.950	29.120	2207	2207	1489.9	0	0	5767
	9.9	10.0	11.720	11.719	29.090	2208	2208	1489.2	58	3	5751
	19.8	20.0	9.220	9.218	29.600	2289	2289	1480.9	112	11	4982
	29.8	30.0	4.250	4.248	30.570	2427	2427	1462.5	155	22	3664

DEPTH	PRESS	QXY
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CRUISE NUMBER 68033

STATION NUMBER 131

LAT	N46 55.70	YEAR	1968	WAVE-P/H	1302	WIND-DIR	210	WW	60	COUN	18
LONG	W 63 38.60	MONTH	6	SWEL-P/H		WIND-SPD	07	CLD-A	8	INST	10
DEPTH	41.0	DAY	25	SWEL-D		AIR-TEM	13.4			RESTR	
MARSD SQ	151	H/M	0920	BARO	1007.2	WET-BLB	12.5			UNAS	10B

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0920	0.0	0.0M	12.01 D	12.010	29.12 D	2206	2206	1490.1C	0	0	5777
0920	5.0	5.0M	12.00 D	11.999	29.12 D	2206	2206	1490.2C	29	1	5775
0920	9.9	10.0M	11.98 D	11.979	29.12 D	2206	2206	1490.2C	58	3	5774
0920	14.9	15.0M	10.82 D	10.818	29.39 D	2247	2247	1486.5C	86	6	5382
0920	19.8	20.0M	10.00 D	9.998	29.34 D	2257	2257	1483.5C	112	11	5291
0920	24.8	25.0M	3.65 D	3.648	30.59 D	2434	2434	1459.8C	135	16	3596
0920	29.8	30.0M	2.04 D	2.039	30.78 D	2462	2462	1453.2C	152	21	3330
0920	39.7	40.0M	1.38 D	1.378	30.97 D	2481	2481	1450.6C	184	33	3144

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	12.010	12.010	29.120	2206	2206	1490.1	0	0	5777
	9.9	10.0	11.980	11.979	29.120	2206	2206	1490.2	58	3	5774
	19.8	20.0	10.000	9.998	29.340	2257	2257	1483.5	112	11	5291
	29.8	30.0	2.040	2.039	30.780	2462	2462	1453.2	152	21	3330

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 132

LAT	N47	5.80	YEAR	1968	WAVE-P/H	1302	WIND-DIR	210	WW	60	COUN	18
LONG	W 63	38.60	MONTH	6	SWEL-P/H		WIND-SPD	07	CLD-A	8	INST	10
DEPTH		52.0	DAY	25	SWEL-D		AIR-TEM	12.9			RESTR	
MARSD SQ		151	H/M	1012	BARO	1006.7	WET-BLB	11.9			UNAS	98

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1012	0.0	0.0M	12.06 D	12.060	29.17 D	2209	2209	1490.4C	0	0	5749
1012	5.0	5.0M	12.08 D	12.079	29.17 D	2208	2208	1490.5C	29	1	5753
1012	9.9	10.0M	11.94 D	11.939	29.18 D	2211	2211	1490.1C	58	3	5722
1012	14.9	15.0M	10.50 D	10.498	29.39 D	2252	2252	1485.3C	85	6	5331
1012	19.8	20.0M	8.79 D	8.788	29.89 D	2318	2318	1479.7C	110	11	4705
1012	24.8	25.0M	4.70 D	4.698	30.16 D	2390	2390	1463.7C	132	16	4015
1012	29.8	30.0M	4.38 D	4.378	30.88 D	2450	2450	1463.4C	151	21	3443
1012	39.7	40.0M	0.23 D	0.229	31.21 D	2506	2506	1445.7C	182	32	2903
1012	49.6	50.0M	-0.43 D	-0.430	31.62 D	2542	2542	1443.4C	209	45	2562

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	12.060	12.060	29.170	2209	2209	1490.4	0	0	5749
	9.9	10.0	11.940	11.939	29.180	2211	2211	1490.1	58	3	5722
	19.8	20.0	8.790	8.788	29.890	2318	2318	1479.7	110	11	4705
	29.8	30.0	4.380	4.378	30.880	2450	2450	1463.4	151	21	3443
	49.6	50.0	-0.429	-0.429	31.620	2542	2542	1443.4	209	45	2562

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 133

LAT	N47	5.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	200	WW	60	COUN	18
LONG	W 63	23.80	MONTH	6	SWEL-P/H	1303	WIND-SPD	10	CLD-A	9	INST	10
DEPTH		52.0	DAY	25	SWEL-D	200	AIR-TEM	12.3			RESTR	
MARSD	SQ	151	H/M	1109	BARO	1006.0	WET-BLB	12.0			UNAS	9C

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1109	0.0	0.0M	11.20 D	11.200	29.33 D	2236	2236	1487.5C	0	0	5486
1109	5.0	5.0M	11.20 D	11.199	29.33 D	2236	2236	1487.6C	27	1	5486
1109	9.9	10.0M	11.19 D	11.189	29.31 D	2235	2235	1487.6C	55	3	5500
1109	14.9	15.0M	11.09 D	11.088	29.33 D	2238	2238	1487.4C	82	6	5470
1109	19.8	20.0M	4.66 D	4.659	30.32 D	2403	2403	1463.7C	106	10	3890
1109	24.8	25.0M	3.17 D	3.169	30.81 D	2456	2456	1458.1C	124	15	3389
1109	29.8	30.0M	1.90 D	1.899	30.98 D	2479	2479	1452.8C	140	19	3169
1109	39.7	40.0M	-0.02 D	-0.020	31.24 D	2510	2510	1444.6C	170	30	2870
1109	49.6	50.0M	-0.80 D	-0.800	31.52 D	2535	2535	1441.6C	198	42	2627

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.200	11.200	29.330	2236	2236	1487.5	0	0	5486
	9.9	10.0	11.190	11.189	29.310	2235	2235	1487.6	55	3	5500
	19.8	20.0	4.660	4.659	30.320	2403	2403	1463.7	106	10	3890
	29.8	30.0	1.900	1.899	30.980	2479	2479	1452.8	140	19	3169
	49.6	50.0	-0.799	-0.799	31.520	2535	2535	1441.6	198	42	2627

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 134

LAT	N46 55.70	YEAR	1968	WAVE-P/H	1201	WIND-DIR	200	WW	60	COUN	18
LONG W	63 23.80	MONTH	6	SWEL-P/H	1303	WIND-SPD	10	CLO-A	9	INST	10
DEPTH	50.0	DAY	25	SWEL-D	200	AIR-TEM	12.3			RESTR	
MARSD SQ	151	H/M	1202	BARO	1006.0	WET-BLB	12.0			UNAS	10C

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1202	0.0	0.0M	11.40 D	11.400	29.22 D	2224	2224	1488.1C	0	0	5600
1202	5.0	5.0M	11.40 D	11.399	29.22 D	2224	2224	1488.2C	28	1	5600
1202	9.9	10.0M	11.39 D	11.389	29.20 D	2223	2223	1488.2C	56	3	5615
1202	14.9	15.0M	10.98 D	10.978	29.82 D	2278	2278	1487.6C	83	6	5088
1202	19.8	20.0M	5.95 D	5.948	30.00 D	2364	2364	1468.6C	106	10	4265
1202	24.8	25.0M	4.20 D	4.198	30.63 D	2432	2432	1462.2C	126	15	3614
1202	29.8	30.0M	2.70 D	2.698	30.98 D	2473	2473	1456.3C	143	20	3225
1202	39.7	40.0M	-0.13 D	-0.130	31.38 D	2522	2522	1444.3C	173	30	2758
1202	49.6	50.0M	-0.48 D	-0.480	31.42 D	2526	2526	1442.9C	200	43	2714

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.400	11.400	29.220	2224	2224	1488.1	0	0	5600
	9.9	10.0	11.390	11.389	29.200	2223	2223	1488.2	56	3	5615
	19.8	20.0	5.950	5.948	30.000	2364	2364	1468.6	106	10	4265
	29.8	30.0	2.700	2.698	30.980	2473	2473	1456.3	143	20	3225
	49.6	50.0	-0.479	-0.479	31.420	2526	2526	1442.9	200	43	2714

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 135

LAT	N46 45.60	YEAR	1968	WAVE-P/H	1201	WIND-DIR	200	WW	60	COUN	18
LONG	W 63 23.80	MONTH	6	SWEL-P/H	1303	WIND-SPD	10	CLD-A	8	INST	10
DEPTH	41.0	DAY	25	SWEL-D	200	AIR-TEM	13.8			RESTR	
MARSD	SQ 151	H/M	1312	BARO	1005.5	WET-8LB	12.7			UNAS	11C

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1312	0.0	0.0M	11.80 D	11.800	29.35 D	2227	2227	1489.7C	0	0	5572
1312	5.0	5.0M	11.20 D	11.199	29.46 D	2246	2246	1487.8C	27	1	5389
1312	9.9	10.0M	10.58 D	10.579	29.58 D	2266	2266	1485.8C	54	3	5201
1312	14.9	15.0M	10.00 D	9.998	29.87 D	2298	2298	1484.1C	79	6	4897
1312	19.8	20.0M	8.27 D	8.268	29.48 D	2293	2294	1477.1C	104	10	4939
1312	24.8	25.0M	3.42 D	3.419	30.80 D	2453	2453	1459.1C	125	15	3417
1312	29.8	30.0M	1.80 D	1.799	30.95 D	2477	2477	1452.3C	141	20	3186
1312	39.7	40.0M	-0.37 D	-0.370	31.42 D	2526	2526	1443.3C	171	30	2718

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.800	11.800	29.350	2227	2227	1489.7	0	0	5572
	9.9	10.0	10.580	10.579	29.580	2266	2266	1485.8	54	3	5201
	19.8	20.0	8.270	8.268	29.480	2293	2294	1477.1	104	10	4939
	29.8	30.0	1.800	1.799	30.950	2477	2477	1452.3	141	20	3186

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 136

LAT	N46 35.30	YEAR	1968	WAVE-P/H	1201	WIND-DIR	200	WW	60	COUN	18
LONG	W 63 23.80	MONTH	6	SWEL-P/H	1303	WIND-SPD	10	CLD-A	8	INST	10
DEPTH	30.0	DAY	25	SWEL-D	200	AIR-TEM	13.8			RESTR	
MARSD SQ	151	H/M	1407	BARO	1005.5	WET-BLB	12.7			UNAS	12C

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1407	0.0	0.0M	11.82 D	11.820	29.26 D	2220	2220	1489.6C	0	0	5641
1407	5.0	5.0M	11.82 D	11.819	29.26 D	2220	2220	1489.7C	28	1	5641
1407	9.9	10.0M	11.80 D	11.799	29.28 D	2222	2222	1489.8C	56	3	5624
1407	14.9	15.0M	11.34 D	11.338	29.28 D	2230	2230	1488.2C	84	6	5548
1407	19.8	20.0M	9.59 D	9.588	29.53 D	2278	2278	1482.2C	111	11	5088
1407	24.8	25.0M	7.90 D	7.898	30.15 D	2351	2351	1476.6C	135	17	4390
1407	29.8	30.0M	6.55 D	6.547	30.61 D	2405	2405	1472.0C	155	22	3877

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.820	11.820	29.260	2220	2220	1489.6	0	0	5641
	9.9	10.0	11.800	11.799	29.280	2222	2222	1489.8	56	3	5624
	19.8	20.0	9.590	9.588	29.530	2278	2278	1482.2	111	11	5088
	29.8	30.0	6.550	6.547	30.610	2405	2405	1472.0	155	22	3877

DEPTH	PRESS	QXY
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CRUISE NUMBER 68033 STATION NUMBER 137

LAT	N46 35.30	YEAR	1968	WAVE-P/H	1303	WIND-DIR	200	WW	60	COUN	18
LONG W	63 8.90	MONTH	6	SWEL-P/H		WIND-SPD	08	CLD-A	8	INST	10
DEPTH	41.0	DAY	25	SWEL-D		AIR-TEM	13.3			RESTR	
MARSD SQ	151	H/M	1501	BARO	1005.5	WET-BLB	12.5			UNAS	120

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1501	0.0	0.0M	12.02 D	12.020	29.42 D	2229	2229	1490.5C	0	0	5557
1501	5.0	5.0M	12.03 D	12.029	29.42 D	2228	2228	1490.7C	28	1	5559
1501	9.9	10.0M	11.86 D	11.859	29.43 D	2232	2232	1490.2C	56	3	5524
1501	14.9	15.0M	10.52 D	10.518	29.49 D	2260	2260	1485.5C	83	6	5260
1501	19.8	20.0M	9.32 D	9.318	29.73 D	2298	2298	1481.5C	108	11	4900
1501	24.8	25.0M	6.70 D	6.698	30.46 D	2391	2391	1472.3C	130	16	4007
1501	29.8	30.0M	4.67 D	4.668	30.77 D	2439	2439	1464.5C	149	21	3553
1501	39.7	40.0M	2.20 D	2.198	31.13 D	2489	2489	1454.5C	182	33	3075

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	12.020	12.020	29.420	2229	2229	1490.5	0	0	5557
	9.9	10.0	11.860	11.859	29.430	2232	2232	1490.2	56	3	5524
	19.8	20.0	9.320	9.318	29.730	2298	2298	1481.5	108	11	4900
	29.8	30.0	4.670	4.668	30.770	2439	2439	1464.5	149	21	3553

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 138

LAT	N46 45.60	YEAR	1968	WAVE-P/H	1303	WIND-DIR	200	WW	16	COUN	18
LONG	W 63 8.90	MONTH	6	SWEL-P/H		WIND-SPD	08	CLD-A	8	INST	10
DEPTH	48.0	DAY	25	SWEL-D		AIR-TEM	16.2			RESTR	
MARSD	SQ 151	H/M	1553	BARO	1005.0	WET-BLB	13.0			UNAS	110

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1553	0.0	0.0M	11.20 D	11.200	29.92 D	2282	2282	1488.3C	0	0	5049
1553	5.0	5.0M	11.20 D	11.199	29.92 D	2282	2282	1488.3C	25	1	5049
1553	9.9	10.0M	11.20 D	11.199	29.92 D	2282	2282	1488.4C	50	3	5050
1553	14.9	15.0M	10.90 D	10.898	29.91 D	2286	2286	1487.4C	76	6	5009
1553	19.8	20.0M	4.30 D	4.299	30.70 D	2437	2437	1462.7C	97	10	3570
1553	24.8	25.0M	2.60 D	2.599	31.05 D	2479	2479	1455.9C	114	13	3164
1553	29.8	30.0M	1.02 D	1.019	31.20 D	2502	2502	1449.2C	129	18	2949
1553	39.7	40.0M	0.00 D	0.000	31.35 D	2519	2519	1444.9C	158	28	2786

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.200	11.200	29.920	2282	2282	1488.3	0	0	5049
	9.9	10.0	11.200	11.199	29.920	2282	2282	1488.4	50	3	5050
	19.8	20.0	4.300	4.299	30.700	2437	2437	1462.7	97	10	3570
	29.8	30.0	1.020	1.019	31.200	2502	2502	1449.2	129	18	2949

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 139

LAT	N46 55.70	YEAR	1968	WAVE-P/H	1303	WIND-DIR	200	WW	16	COUN	18
LONG W	63 8.90	MONTH	6	SWEL-P/H		WIND-SPD	07	CLD-A	8	INST	10
DEPTH	56.0	DAY	25	SWEL-D		AIR-TEM	15.5			RESTR	
MARSD	SQ 151	H/M	1648	BARO	1004.5	WET-BLB	12.8			UNAS	100

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1648	0.0	0.0M	11.60 D	11.600	29.40 D	2235	2235	1489.0C	0	0	5501
1648	5.0	5.0M	11.58 D	11.579	29.39 D	2234	2234	1489.0C	28	1	5504
1648	9.9	10.0M	9.50 D	9.499	30.30 D	2339	2339	1482.7C	53	3	4501
1648	14.9	15.0M	6.00 D	5.999	30.99 D	2441	2441	1470.0C	73	5	3527
1648	19.8	20.0M	2.64 D	2.639	31.00 D	2475	2475	1455.9C	89	8	3204
1648	24.8	25.0M	1.00 D	0.999	31.19 D	2501	2501	1449.0C	105	12	2956
1648	29.8	30.0M	0.06 D	0.059	31.31 D	2515	2515	1444.9C	119	16	2820
1648	39.7	40.0M	-0.48 D	-0.480	31.46 D	2529	2529	1442.8C	147	25	2684
1648	49.6	50.0M	-0.60 D	-0.600	31.40 D	2525	2525	1442.3C	174	38	2725

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.600	11.600	29.400	2235	2235	1489.0	0	0	5501
	9.9	10.0	9.500	9.499	30.300	2339	2339	1482.7	53	3	4501
	19.8	20.0	2.640	2.639	31.000	2475	2475	1455.9	89	8	3204
	29.8	30.0	0.060	0.059	31.310	2515	2515	1444.9	119	16	2820
	49.6	50.0	-0.599	-0.599	31.400	2525	2525	1442.3	174	38	2725

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 140

LAT	N47	5.80	YEAR	1968	WAVE-P/H	1303	WIND-DIR	200	WW	14	COUN	18
LONG	W 63	8.90	MONTH	6	SWEL-P/H		WIND-SPD	08	CLD-A	8	INST	10
DEPTH		54.0	DAY	25	SWEL-D		AIR-TEM	15.2			RESTR	
MARSD SQ		151	H/M	1748	BARO	1004.0	WET-BLB	13.5			UNAS	90

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1748	0.0	0.0M	11.32 D	11.320	29.48 D	2246	2246	1488.1C	0	0	5395
1748	5.0	5.0M	11.28 D	11.279	29.51 D	2249	2249	1488.1C	27	1	5366
1748	9.9	10.0M	10.09 D	10.079	30.41 D	2339	2339	1485.0C	52	3	4507
1748	14.9	15.0M	9.90 D	9.898	30.42 D	2342	2342	1484.4C	74	5	4473
1748	19.8	20.0M	5.80 D	5.798	31.17 D	2458	2458	1469.5C	94	9	3370
1748	24.8	25.0M	2.80 D	2.799	31.28 D	2496	2496	1457.1C	109	12	3005
1748	29.8	30.0M	0.68 D	0.679	31.42 D	2521	2521	1447.9C	124	17	2764
1748	39.7	40.0M	-0.96 D	-0.960	31.72 D	2552	2552	1440.9C	150	26	2469
1748	49.6	50.0M	-1.21 D	-1.210	31.83 D	2562	2562	1440.1C	174	37	2377

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.320	11.320	29.480	2246	2246	1488.1	0	0	5395
	9.9	10.0	10.080	10.079	30.410	2339	2339	1485.0	52	3	4507
	19.8	20.0	5.800	5.798	31.170	2458	2458	1469.5	94	9	3370
	29.8	30.0	0.680	0.679	31.420	2521	2521	1447.9	124	17	2764
	49.6	50.0	-1.209	-1.209	31.830	2562	2562	1440.1	174	37	2377

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 141

LAT	N47 15.80	YEAR	1968	WAVE-P/H	1403	WIND-DIR	220	WW	14	COUN	18
LONG	W 63 8.90	MONTH	6	SWEL-P/H		WIND-SPD	09	CLD-A	8	INST	10
DEPTH	65.0	DAY	25	SWEL-D		AIR-TEM	15.0			RESTR	
MARSD SQ	151	H/M	1846	BARO	1000.5	WET-BLB	13.5			UNAS	80

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1846	0.0	0.0M	11.37 D	11.370	29.95 D	2281	2281	1488.9C	0	0	5055
1846	5.0	5.0M	11.35 D	11.349	29.96 D	2282	2282	1488.9C	25	1	5045
1846	9.9	10.0M	10.30 D	10.299	30.33 D	2329	2329	1485.7C	50	2	4601
1846	14.9	15.0M	4.76 D	4.759	31.02 D	2457	2457	1465.0C	69	5	3373
1846	19.8	20.0M	1.28 D	1.279	31.32 D	2510	2510	1450.3C	85	8	2872
1846	24.8	25.0M	-0.41 D	-0.410	31.50 D	2532	2532	1442.9C	99	11	2656
1846	29.8	30.0M	-0.80 D	-0.800	31.60 D	2542	2542	1441.3C	112	15	2567
1846	39.7	40.0M	-1.06 D	-1.060	31.67 D	2548	2548	1440.4C	137	24	2505
1846	49.6	50.0M	-1.18 D	-1.180	31.77 D	2557	2557	1440.1C	162	35	2424
1846	59.5	60.0M	-1.24 D	-1.240	31.90 D	2567	2567	1440.2C	185	48	2322

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.370	11.370	29.950	2281	2281	1488.9	0	0	5055
	9.9	10.0	10.300	10.299	30.330	2329	2329	1485.7	50	2	4601
	19.8	20.0	1.280	1.279	31.320	2510	2510	1450.3	85	8	2872
	29.8	30.0	-0.799	-0.799	31.600	2542	2542	1441.3	112	15	2567
	49.6	50.0	-1.179	-1.179	31.770	2557	2557	1440.1	162	35	2424

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 142

LAT	N47 25.80	YEAR	1968	WAVE-P/H	1403	WIND-DIR	220	WW	14	COUN	18
LONG	W 63 8.90	MONTH	6	SWEL-P/H		WIND-SPD	09	CLD-A	8	INST	10
DEPTH	71.0	DAY	25	SWEL-D		AIR-TEM	15.0			RESTR	
MARSD SQ	151	H/M	2019	BARO	1000.5	WET-BLB	13.5			UNAS	7D

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2019	0.0	0.0M	11.30 D	11.300	29.61 D	2256	2256	1488.2C	0	0	5295
2019	5.0	5.0M	11.27 D	11.269	29.61 D	2257	2257	1488.2C	26	1	5290
2019	9.9	10.0M	11.27 D	11.269	29.58 D	2254	2254	1488.3C	53	3	5314
2019	14.9	15.0M	10.68 D	10.678	30.10 D	2305	2305	1486.9C	79	6	4833
2019	19.8	20.0M	7.20 D	7.198	30.87 D	2417	2417	1474.8C	100	10	3761
2019	24.8	25.0M	4.40 D	4.398	31.36 D	2488	2488	1464.1C	117	14	3082
2019	29.8	30.0M	0.50 D	0.499	31.43 D	2523	2523	1447.1C	132	18	2747
2019	39.7	40.0M	-0.37 D	-0.370	31.72 D	2550	2550	1443.7C	158	27	2489
2019	49.6	50.0M	-1.17 D	-1.170	31.74 D	2554	2554	1440.1C	182	38	2447
2019	59.5	60.0M	-1.28 D	-1.280	31.95 D	2571	2571	1440.1C	206	51	2282
2019	69.5	70.0M	-1.27 D	-1.270	32.10 D	2583	2583	1440.5C	228	66	2168

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.300	11.300	29.610	2256	2256	1488.2	0	0	5295
	9.9	10.0	11.270	11.269	29.580	2254	2254	1488.3	53	3	5314
	19.8	20.0	7.200	7.198	30.870	2417	2417	1474.8	100	10	3761
	29.8	30.0	0.500	0.499	31.430	2523	2523	1447.1	132	18	2747
	49.6	50.0	-1.169	-1.169	31.740	2554	2554	1440.1	182	38	2447

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 143

LAT	N47 25.80	YEAR	1968	WAVE-P/H	1403	WIND-DIR	220	WW	02	COUN	18
LONG	W 62 54.10	MONTH	6	SWEL-P/H		WIND-SPD	09	CLD-A	8	INST	10
DEPTH	50.0	DAY	25	SWEL-D		AIR-TEM	14.9			RESTR	
MARSD SQ	151	H/M	2111	BARO	1000.5	WET-BLB	13.4			UNAS	7E

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2111	0.0	0.0M	11.08 D	11.080	29.97 D	2288	2288	1487.9C	0	0	4993
2111	5.0	5.0M	11.07 D	11.069	29.99 D	2289	2289	1488.0C	25	1	4975
2111	9.9	10.0M	11.05 D	11.049	29.99 D	2290	2290	1488.0C	50	3	4974
2111	14.9	15.0M	10.70 D	10.698	29.99 D	2296	2296	1486.8C	75	6	4918
2111	19.8	20.0M	4.60 D	4.599	31.09 D	2465	2465	1464.5C	95	9	3304
2111	24.8	25.0M	0.37 D	0.369	31.57 D	2535	2535	1446.6C	110	13	2635
2111	29.8	30.0M	0.10 D	0.099	31.56 D	2535	2535	1445.5C	123	16	2630
2111	39.7	40.0M	-0.09 D	-0.090	31.55 D	2535	2535	1444.7C	149	26	2629
2111	49.6	50.0M	-0.32 D	-0.320	31.63 D	2543	2543	1443.9C	175	38	2559

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.080	11.080	29.970	2288	2288	1487.9	0	0	4993
	9.9	10.0	11.050	11.049	29.990	2290	2290	1488.0	50	3	4974
	19.8	20.0	4.600	4.599	31.090	2465	2465	1464.5	95	9	3304
	29.8	30.0	0.100	0.099	31.560	2535	2535	1445.5	123	16	2630
	49.6	50.0	-0.319	-0.319	31.630	2543	2543	1443.9	175	38	2559

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 144

LAT	N47 15.80	YEAR	1968	WAVE-P/H	1403	WIND-DIR	220	WW	02	COUN	18
LONG	W 62 54.10	MONTH	6	SWEL-P/H		WIND-SPD	08	CLD-A	4	INST	10
DEPTH	56.0	DAY	25	SWEL-D		AIR-TEM	15.0			RESTR	
MARSD SQ	151	H/M	2240	BARO	1000.6	WET-BLB	13.0			UNAS	8E

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2240	0.0	0.0M	10.91 D	10.910	30.40 D	2324	2324	1487.8C	0	0	4646
2240	5.0	5.0M	10.88 D	10.879	30.42 D	2326	2326	1487.8C	23	1	4626
2240	9.9	10.0M	10.83 D	10.829	30.40 D	2325	2325	1487.7C	46	2	4634
2240	14.9	15.0M	7.60 D	7.599	30.57 D	2388	2388	1475.9C	68	5	4036
2240	19.8	20.0M	4.91 D	4.909	31.12 D	2464	2464	1465.8C	87	8	3313
2240	24.8	25.0M	1.81 D	1.809	31.42 D	2514	2514	1452.9C	102	12	2828
2240	29.8	30.0M	-0.09 D	-0.090	31.72 D	2549	2549	1444.8C	115	16	2500
2240	39.7	40.0M	-0.08 D	-0.080	31.65 D	2543	2543	1444.9C	140	25	2553
2240	49.6	50.0M	-0.51 D	-0.510	31.72 D	2550	2550	1443.2C	165	36	2483

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.910	10.910	30.400	2324	2324	1487.8	0	0	4646
	9.9	10.0	10.830	10.829	30.400	2325	2325	1487.7	46	2	4634
	19.8	20.0	4.910	4.909	31.120	2464	2464	1465.8	87	8	3313
	29.8	30.0	-0.089	-0.089	31.720	2549	2549	1444.8	115	16	2500
	49.6	50.0	-0.509	-0.509	31.720	2550	2550	1443.2	165	36	2483

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 145

LAT	N47 5.80	YEAR	1968	WAVE-P/H	1202	WIND-DIR	290	WW	02	COUN	18
LONG	W 62 54.10	MONTH	6	SWEL-P/H		WIND-SPD	05	CLD-A	4	INST	10
DEPTH	55.0	DAY	25	SWEL-D		AIR-TEM	13.0			RESTR	
MARSD SQ	151	H/M	2352	BARO	1001.0	WET-BLB	12.0			UNAS	9E

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2352	0.0	0.0M	11.20 D	11.200	30.14 D	2299	2299	1488.5C	0	0	4886
2352	5.0	5.0M	11.21 D	11.209	30.14 D	2299	2299	1488.7C	24	1	4888
2352	9.9	10.0M	11.20 D	11.199	30.15 D	2300	2300	1488.7C	49	2	4880
2352	14.9	15.0M	9.20 D	9.198	30.70 D	2375	2375	1482.2C	72	5	4160
2352	19.8	20.0M	4.10 D	4.099	31.14 D	2473	2474	1462.4C	90	9	3220
2352	24.8	25.0M	0.70 D	0.699	31.30 D	2511	2511	1447.8C	105	12	2857
2352	29.8	30.0M	0.21 D	0.209	31.41 D	2523	2523	1445.8C	119	16	2750
2352	39.7	40.0M	-1.01 D	-1.010	31.60 D	2542	2542	1440.5C	146	25	2560
2352	49.6	50.0M	-1.16 D	-1.160	31.74 D	2554	2554	1440.2C	171	37	2448

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.200	11.200	30.140	2299	2299	1488.5	0	0	4886
	9.9	10.0	11.200	11.199	30.150	2300	2300	1488.7	49	2	4880
	19.8	20.0	4.100	4.099	31.140	2473	2474	1462.4	90	9	3220
	29.8	30.0	0.210	0.209	31.410	2523	2523	1445.8	119	16	2750
	49.6	50.0	-1.159	-1.159	31.740	2554	2554	1440.2	171	37	2448

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 146

LAT	N46 55.80	YEAR	1968	WAVE-P/H	1202	WIND-DIR	270	WW	02	COUN	18
LONG	W 62 54.10	MONTH	6	SWEL-P/H		WIND-SPD	05	CLD-A	4	INST	10
DEPTH	60.0	DAY	26	SWEL-D		AIR-TEM	13.6			RESTR	
MARSD	SQ 151	H/M	0042	BARO	1001.5	WET-BLB	11.9			UNAS	10E

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0042	0.0	0.0M	11.57 D	11.570	29.85 D	2270	2270	1489.5C	0	0	5162
0042	5.0	5.0M	11.57 D	11.569	29.87 D	2271	2271	1489.6C	26	1	5148
0042	9.9	10.0M	11.21 D	11.209	30.00 D	2288	2288	1488.6C	51	3	4993
0042	14.9	15.0M	8.19 D	8.189	30.57 D	2380	2380	1478.1C	74	5	4114
0042	19.8	20.0M	4.33 D	4.329	30.90 D	2452	2452	1463.1C	93	9	3422
0042	24.8	25.0M	2.10 D	2.099	31.10 D	2487	2487	1453.8C	109	13	3091
0042	29.8	30.0M	0.41 D	0.409	31.25 D	2509	2509	1446.5C	124	17	2881
0042	39.7	40.0M	-0.72 D	-0.720	31.59 D	2541	2541	1441.9C	151	26	2576
0042	49.6	50.0M	-0.80 D	-0.800	31.53 D	2536	2536	1441.6C	177	38	2619
0042	59.5	60.0M	-0.75 D	-0.750	31.60 D	2542	2542	1442.1C	203	53	2567

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.570	11.570	29.850	2270	2270	1489.5	0	0	5162
	9.9	10.0	11.210	11.209	30.000	2288	2288	1488.6	51	3	4993
	19.8	20.0	4.330	4.329	30.900	2452	2452	1463.1	93	9	3422
	29.8	30.0	0.410	0.409	31.250	2509	2509	1446.5	124	17	2881
	49.6	50.0	-0.799	-0.799	31.530	2536	2536	1441.6	177	38	2619

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 147

LAT	N46 45.80	YEAR	1968	WAVE-P/H	1202	WIND-DIR	270	WW	02	COUN	18
LONG	W 62 54.10	MONTH	6	SWEL-P/H		WIND-SPD	05	CLD-A	4	INST	10
DEPTH	50.0	DAY	26	SWEL-D		AIR-TEM	13.6			RESTR	
MARSD SQ	151	H/M	0137	BARO	1001.5	WET-BLB	11.9			UNAS	11E

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0137	0.0	0.0M	11.31 D	11.310	29.95 D	2282	2282	1488.7C	0	0	5045
0137	5.0	5.0M	11.32 D	11.319	29.96 D	2283	2283	1488.8C	25	1	5039
0137	9.9	10.0M	11.30 D	11.299	29.95 D	2282	2282	1488.8C	50	3	5045
0137	14.9	15.0M	10.00 D	9.998	30.21 D	2324	2324	1484.5C	75	6	4644
0137	19.8	20.0M	8.19 D	8.188	30.40 D	2366	2367	1478.0C	97	10	4241
0137	24.8	25.0M	4.09 D	4.088	30.93 D	2457	2457	1462.2C	116	14	3378
0137	29.8	30.0M	1.70 D	1.699	31.21 D	2498	2498	1452.2C	132	18	2982
0137	39.7	40.0M	-0.02 D	-0.020	31.43 D	2525	2525	1444.9C	160	28	2724
0137	49.6	50.0M	-0.43 D	-0.430	31.50 D	2532	2532	1443.3C	187	41	2655

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.310	11.310	29.950	2282	2282	1488.7	0	0	5045
	9.9	10.0	11.300	11.299	29.950	2282	2282	1488.8	50	3	5045
	19.8	20.0	8.190	8.188	30.400	2366	2367	1478.0	97	10	4241
	29.8	30.0	1.700	1.699	31.210	2498	2498	1452.2	132	18	2982
	49.6	50.0	-0.429	-0.429	31.500	2532	2532	1443.3	187	41	2655

DEPTH	PRESS	OPY
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CRUISE NUMBER 68033

STATION NUMBER 148

LAT	N46 35.30	YEAR	1968	WAVE-P/H	1202	WIND-DIR	300	WW	02	COUN	18
LONG	W 62 54.10	MONTH	6	SWEL-P/H		WIND-SPD	08	CLD-A	4	INST	10
DEPTH	54.0	DAY	26	SWEL-D		AIR-TEM	14.0			RESTR	
MARSD SQ	151	H/M	0229	BARO	1002.9	WET-BLB	12.5			UNAS	12E

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0229	0.0	0.0M	11.65 D	11.650	29.61 D	2250	2250	1489.5C	0	0	5354
0229	5.0	5.0M	11.64 D	11.639	29.60 D	2249	2249	1489.5C	27	1	5359
0229	9.9	10.0M	11.66 D	11.659	29.61 D	2250	2250	1489.7C	54	3	5357
0229	14.9	15.0M	10.22 D	10.218	30.09 D	2311	2311	1485.2C	79	6	4767
0229	19.8	20.0M	7.23 D	7.228	30.51 D	2388	2388	1474.4C	101	10	4034
0229	24.8	25.0M	4.09 D	4.088	30.83 D	2449	2449	1462.0C	120	14	3453
0229	29.8	30.0M	3.07 D	3.068	30.93 D	2466	2466	1457.9C	137	19	3291
0229	39.7	40.0M	1.62 D	1.618	31.09 D	2489	2489	1451.9C	168	30	3068

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.650	11.650	29.610	2250	2250	1489.5	0	0	5354
	9.9	10.0	11.660	11.659	29.610	2250	2250	1489.7	54	3	5357
	19.8	20.0	7.230	7.228	30.510	2388	2388	1474.4	101	10	4034
	29.8	30.0	3.070	3.068	30.930	2466	2466	1457.9	137	19	3291

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 149

LAT	N46 35.30	YEAR	1968	WAVE-P/H	1302	WIND-DIR	300	WW	02	COUN	18
LONG	W 62 39.20	MONTH	6	SWEL-P/H		WIND-SPD	06	CLD-A	3	INST	10
DEPTH	44.0	DAY	26	SWEL-D		AIR-TEM	13.2			RESTR	
MARSD SQ	151	H/M	0530	BARO	1003.5	WET-BLB	12.2			UNAS	12F

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SWA
0530	0.0	0.0M	10.93 D	10.930	29.82 D	2279	2279	1487.2C	0	0	5079
0530	5.0	5.0M	10.91 D	10.909	29.83 D	2280	2280	1487.2C	25	1	5068
0530	9.9	10.0M	10.84 D	10.839	29.84 D	2282	2282	1487.0C	51	3	5050
0530	14.9	15.0M	10.87 D	10.868	29.87 D	2284	2284	1487.3C	76	6	5034
0530	19.8	20.0M	9.88 D	9.878	30.00 D	2310	2310	1483.9C	101	10	4783
0530	24.8	25.0M	6.15 D	6.148	30.58 D	2407	2407	1470.3C	122	15	3852
0530	29.8	30.0M	4.40 D	4.398	30.82 D	2445	2445	1463.4C	140	20	3489
0530	39.7	40.0M	2.30 D	2.298	31.00 D	2478	2478	1454.8C	174	32	3181

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SWA
	0.0	0.0	10.930	10.930	29.820	2279	2279	1487.2	0	0	5079
	9.9	10.0	10.840	10.839	29.840	2282	2282	1487.0	51	3	5050
	19.8	20.0	9.880	9.878	30.000	2310	2310	1483.9	101	10	4783
	29.8	30.0	4.400	4.398	30.820	2445	2445	1463.4	140	20	3489

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 150

LAT	N46 45.80	YEAR	1968	WAVE-P/H	1303	WIND-DIR	300	WW	02	COUN	18
LONG	W 62 39.20	MONTH	6	SWEL-P/H		WIND-SPD	07	CLD-A	3	INST	10
DEPTH	55.0	DAY	26	SWEL-D		AIR-TEM	12.5			RESTR	
MARSD	SQ 151	H/M	0630	BARO	1003.5	WET-BLB	11.2			UNAS	11F

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0630	0.0	0.0M	11.27 D	11.270	29.92 D	2281	2281	1488.5C	0	0	5061
0630	5.0	5.0M	11.23 D	11.229	29.95 D	2284	2284	1488.5C	25	1	5032
0630	9.9	10.0M	10.20 D	10.199	30.33 D	2330	2330	1485.3C	49	2	4585
0630	14.9	15.0M	9.67 D	9.668	30.41 D	2345	2345	1483.5C	72	5	4446
0630	19.8	20.0M	7.00 D	6.998	30.73 D	2408	2408	1473.8C	93	9	3841
0630	24.8	25.0M	3.60 D	3.598	30.98 D	2465	2465	1460.2C	110	13	3297
0630	29.8	30.0M	0.50 D	0.499	31.21 D	2505	2505	1446.8C	126	17	2915
0630	39.7	40.0M	-0.10 D	-0.100	31.48 D	2530	2530	1444.6C	154	27	2683
0630	49.6	50.0M	-0.51 D	-0.510	31.42 D	2526	2526	1442.8C	181	40	2713

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.270	11.270	29.920	2281	2281	1488.5	0	0	5061
	9.9	10.0	10.200	10.199	30.330	2330	2330	1485.3	49	2	4585
	19.8	20.0	7.000	6.998	30.730	2408	2408	1473.8	93	9	3841
	29.8	30.0	0.500	0.499	31.210	2505	2505	1446.8	126	17	2915
	49.6	50.0	-0.509	-0.509	31.420	2526	2526	1442.8	181	40	2713

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 151

LAT	N46 55.80	YEAR	1968	WAVE-P/H	1303	WIND-DIR	300	WW	02	COUN	18
LONG W	62 39.20	MONTH	6	SWEL-P/H		WIND-SPD	07	CLD-A	3	INST	10
DEPTH	55.0	DAY	26	SWEL-D		AIR-TEM	12.5			RESTR	
MARSD SQ	151	H/M	0724	BARO	1003.5	WET-BLB	11.2			UNAS	10F

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0724	0.0	0.0M	10.92 D	10.920	30.32 D	2318	2318	1487.8C	0	0	4707
0724	5.0	5.0M	10.80 D	10.799	30.32 D	2320	2320	1487.4C	23	1	4687
0724	9.9	10.0M	10.76 D	10.759	30.32 D	2320	2320	1487.3C	47	2	4682
0724	14.9	15.0M	5.40 D	5.399	30.96 D	2446	2446	1467.5C	67	5	3483
0724	19.8	20.0M	2.26 D	2.259	31.17 D	2491	2491	1454.5C	84	8	3049
0724	24.8	25.0M	0.07 D	0.069	31.43 D	2525	2525	1445.1C	98	11	2728
0724	29.8	30.0M	-0.64 D	-0.640	31.61 D	2542	2542	1442.1C	111	15	2564
0724	39.7	40.0M	-0.85 D	-0.850	31.57 D	2540	2540	1441.2C	137	24	2588
0724	49.6	50.0M	-0.52 D	-0.520	31.66 D	2546	2546	1443.1C	162	36	2529

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.920	10.920	30.320	2318	2318	1487.8	0	0	4707
	9.9	10.0	10.760	10.759	30.320	2320	2320	1487.3	47	2	4682
	19.8	20.0	2.260	2.259	31.170	2491	2491	1454.5	84	8	3049
	29.8	30.0	-0.639	-0.639	31.610	2542	2542	1442.1	111	15	2564
	49.6	50.0	-0.519	-0.519	31.660	2546	2546	1443.1	162	36	2529

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 152

LAT	N47	5.80	YEAR	1968	WAVE-P/H	1303	WIND-DIR	320	WW	02	COUN	18
LONG	W 62	39.20	MONTH	6	SWEL-P/H		WIND-SPD	06	CLD-A	3	INST	10
DEPTH		64.0	DAY	26	SWEL-D		AIR-TEM	13.2			RESTR	
MARSD	SQ	151	H/M	0817	BARO	1004.3	WET-BLB	11.2			UNAS	9F

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0817	0.0	0.0M	10.81 D	10.810	30.52 D	2335	2335	1487.6C	0	0	4541
0817	5.0	5.0M	10.83 D	10.829	30.48 D	2331	2331	1487.7C	23	1	4574
0817	9.9	10.0M	10.82 D	10.819	30.47 D	2331	2331	1487.8C	46	2	4581
0817	14.9	15.0M	9.32 D	9.318	30.97 D	2394	2394	1483.0C	67	5	3977
0817	19.8	20.0M	7.10 D	7.098	31.17 D	2442	2442	1474.7C	86	8	3524
0817	24.8	25.0M	3.07 D	3.069	31.33 D	2498	2498	1458.3C	102	12	2988
0817	29.8	30.0M	1.15 D	1.149	31.49 D	2524	2524	1450.2C	116	16	2735
0817	39.7	40.0M	-0.65 D	-0.650	31.81 D	2558	2558	1442.5C	142	25	2410
0817	49.6	50.0M	-1.12 D	-1.120	31.87 D	2565	2565	1440.5C	166	36	2349
0817	59.5	60.0M	-1.20 D	-1.200	32.10 D	2583	2583	1440.7C	188	49	2169

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.810	10.810	30.520	2335	2335	1487.6	0	0	4541
	9.9	10.0	10.820	10.819	30.470	2331	2331	1487.8	46	2	4581
	19.8	20.0	7.100	7.098	31.170	2442	2442	1474.7	86	8	3524
	29.8	30.0	1.150	1.149	31.490	2524	2524	1450.2	116	16	2735
	49.6	50.0	-1.119	-1.119	31.870	2565	2565	1440.5	166	36	2349

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 153

LAT	N47	5.80	YEAR	1968	WAVE-P/H	1303	WIND-DIR	320	WW	02	COUN	18
LONG	W 62	24.40	MONTH	6	SWEL-P/H		WIND-SPD	06	CLO-A	2	INST	10
DEPTH		57.0	DAY	26	SWEL-D		AIR-TEM	13.2			RESTR	
MARSD	SQ	151	H/M	0911	BARO	1004.6	WET-BLB	11.2			UNAS	9G

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0911	0.0	0.0M	10.60 D	10.600	30.72 D	2354	2354	1487.1C	0	0	4359
0911	5.0	5.0M	10.60 D	10.599	30.72 D	2354	2354	1487.2C	22	1	4359
0911	9.9	10.0M	10.59 D	10.589	30.72 D	2354	2354	1487.2C	44	2	4358
0911	14.9	15.0M	8.77 D	8.768	31.20 D	2421	2421	1481.2C	64	5	3726
0911	19.8	20.0M	5.40 D	5.398	31.35 D	2477	2477	1468.1C	81	8	3191
0911	24.8	25.0M	0.70 D	0.699	31.53 D	2530	2530	1448.1C	96	11	2681
0911	29.8	30.0M	-0.20 D	-0.200	31.64 D	2543	2543	1444.2C	109	15	2556
0911	39.7	40.0M	-1.10 D	-1.100	31.84 D	2562	2562	1440.4C	133	24	2374
0911	49.6	50.0M	-1.18 D	-1.180	31.96 D	2572	2572	1440.4C	157	34	2279

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.600	10.600	30.720	2354	2354	1487.1	0	0	4359
	9.9	10.0	10.590	10.589	30.720	2354	2354	1487.2	44	2	4358
	19.8	20.0	5.400	5.398	31.350	2477	2477	1468.1	81	8	3191
	29.8	30.0	-0.199	-0.199	31.640	2543	2543	1444.2	109	15	2556
	49.6	50.0	-1.179	-1.179	31.960	2572	2572	1440.4	157	34	2279

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 154

LAT	N46 55.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	270	WW	02	COUN	18
LONG	W 62 24.40	MONTH	6	SWEL-P/H		WIND-SPD	07	CLD-A	1	INST	10
DEPTH	61.0	DAY	26	SWEL-D		AIR-TEM	13.8			RESTR	
MARSD SQ	151	H/M	1005	BARO	1004.8	WET-BLB	11.8			UNAS	10G

OBSERVED

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1005	0.0	0.0M	10.40 D	10.400	30.74 D	2359	2359	1486.4C	0	0	4312
1005	5.0	5.0M	10.40 D	10.399	30.72 D	2357	2357	1486.5C	22	1	4327
1005	9.9	10.0M	10.40 D	10.399	30.79 D	2363	2363	1486.6C	43	2	4276
1005	14.9	15.0M	5.50 D	5.499	31.13 D	2458	2458	1468.2C	62	5	3367
1005	19.8	20.0M	3.15 D	3.149	31.31 D	2496	2496	1458.6C	78	7	3009
1005	24.8	25.0M	2.02 D	2.019	31.42 D	2513	2513	1453.9C	93	11	2843
1005	29.8	30.0M	0.13 D	0.129	31.57 D	2536	2536	1445.6C	106	15	2624
1005	39.7	40.0M	-0.96 D	-0.960	31.70 D	2550	2550	1440.9C	132	24	2484
1005	49.6	50.0M	-1.00 D	-1.000	31.70 D	2550	2550	1440.9C	157	35	2483
1005	59.5	60.0M	-1.02 D	-1.020	31.82 D	2560	2560	1441.1C	181	49	2390

INTERPOLATED

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.400	10.400	30.740	2359	2359	1486.4	0	0	4312
	9.9	10.0	10.400	10.399	30.790	2363	2363	1486.6	43	2	4276
	19.8	20.0	3.150	3.149	31.310	2496	2496	1458.6	78	7	3009
	29.8	30.0	0.130	0.129	31.570	2536	2536	1445.6	106	15	2624
	49.6	50.0	-0.999	-0.999	31.700	2550	2550	1440.9	157	35	2483

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 155

LAT	N46 45.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	270	WW	02	COUN	18
LONG	W 62 24.40	MONTH	6	SWEL-P/H		WIND-SPD	06	CLD-A	1	INST	10
DEPTH	56.0	DAY	26	SWEL-D		AIR-TEM	12.0			RESTR	
MARSD SQ	151	H/M	1055	BARO	1005.0	WET-BLB	11.0			UNAS	11G

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1055	0.0	0.0M	11.11 D	11.110	30.32 D	2314	2314	1488.4C	0	0	4738
1055	5.0	5.0M	11.11 D	11.109	30.32 D	2314	2314	1488.5C	24	1	4739
1055	9.9	10.0M	11.11 D	11.109	30.32 D	2314	2314	1488.6C	47	2	4739
1055	14.9	15.0M	11.10 D	11.098	30.33 D	2315	2315	1488.7C	71	5	4731
1055	19.8	20.0M	5.44 D	5.438	30.98 D	2447	2447	1467.8C	92	9	3474
1055	24.8	25.0M	3.47 D	3.468	31.21 D	2485	2485	1459.9C	108	13	3112
1055	29.8	30.0M	0.45 D	0.449	31.40 D	2521	2521	1446.8C	123	17	2768
1055	39.7	40.0M	-0.52 D	-0.520	31.40 D	2525	2525	1442.5C	150	27	2729
1055	49.6	50.0M	-0.61 D	-0.610	31.56 D	2538	2538	1442.5C	176	39	2602

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.110	11.110	30.320	2314	2314	1488.4	0	0	4738
	9.9	10.0	11.110	11.109	30.320	2314	2314	1488.6	47	2	4739
	19.8	20.0	5.440	5.438	30.980	2447	2447	1467.8	92	9	3474
	29.8	30.0	0.450	0.449	31.400	2521	2521	1446.8	123	17	2768
	49.6	50.0	-0.609	-0.609	31.560	2538	2538	1442.5	176	39	2602

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 156

LAT	N46 35.30	YEAR	1968	WAVE-P/H	1201	WIND-DIR	280	WW	02	COUN	18
LONG	W 62 24.40	MONTH	6	SWEL-P/H		WIND-SPD	06	CLD-A	1	INST	10
DEPTH	48.0	DAY	26	SWEL-D		AIR-TEM	15.0			RESTR	
WAVE	SQ 151	H/M	1312	BARO	1006.5	WET-BLB	12.5			UNAS	12G

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1312	0.0	0.0M	11.31 D	11.310	29.92 D	2280	2280	1488.7C	0	0	5067
1312	5.0	5.0M	11.28 D	11.279	30.04 D	2290	2290	1488.8C	25	1	4974
1312	9.9	10.0M	11.18 D	11.179	30.01 D	2289	2289	1488.5C	50	3	4980
1312	14.9	15.0M	10.40 D	10.398	29.93 D	2296	2296	1485.6C	75	6	4914
1312	19.8	20.0M	9.00 D	8.998	30.20 D	2339	2339	1480.8C	98	10	4504
1312	24.8	25.0M	7.10 D	7.098	30.54 D	2392	2392	1474.0C	120	15	3996
1312	29.8	30.0M	5.13 D	5.128	30.90 D	2444	2444	1466.6C	138	20	3502
1312	39.7	40.0M	1.29 D	1.288	31.18 D	2499	2499	1450.5C	171	31	2979

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.310	11.310	29.920	2280	2280	1488.7	0	0	5067
	9.9	10.0	11.180	11.179	30.010	2289	2289	1488.5	50	3	4980
	19.8	20.0	9.000	8.998	30.200	2339	2339	1480.8	98	10	4504
	29.8	30.0	5.130	5.128	30.900	2444	2444	1466.6	138	20	3502

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 157

LAT	N46 35.30	YEAR	1968	WAVE-P/H	1201	WIND-DIR	280	WW	02	COUN	18
LONG W	62 10.00	MONTH	6	SWEL-P/H		WIND-SPD	07	CLD-A	1	INST	10
DEPTH	46.0	DAY	26	SWEL-D		AIR-TEM	15.0			RESTR	
MARSD SQ	151	H/M	1404	BARO	1007.5	WET-BLB	12.5			UNAS	12H

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1404	0.0	0.0M	11.21 D	11.210	30.30 D	2311	2311	1488.8C	0	0	4769
1404	5.0	5.0M	11.20 D	11.199	30.30 D	2311	2311	1488.8C	24	1	4768
1404	9.9	10.0M	11.07 D	11.069	30.31 D	2314	2314	1488.5C	48	2	4739
1404	14.9	15.0M	11.00 D	10.998	30.40 D	2322	2322	1488.4C	71	5	4663
1404	19.8	20.0M	7.40 D	7.398	30.52 D	2387	2387	1475.1C	93	9	4048
1404	24.8	25.0M	5.45 D	5.448	30.70 D	2425	2425	1467.6C	112	14	3685
1404	29.8	30.0M	4.90 D	4.898	30.73 D	2433	2433	1465.4C	130	19	3606
1404	39.7	40.0M	2.00 D	1.998	31.07 D	2485	2485	1453.5C	164	31	3107

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.210	11.210	30.300	2311	2311	1488.8	0	0	4769
	9.9	10.0	11.070	11.069	30.310	2314	2314	1488.5	48	2	4739
	19.8	20.0	7.400	7.398	30.520	2387	2387	1475.1	93	9	4048
	29.8	30.0	4.900	4.898	30.730	2433	2433	1465.4	130	19	3606

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 158

LAT	N46 45.80	YEAR	1968	WAVE-P/H	1203	WIND-DIR	300	WW	02	CUUN	18
LONG W	62 10.00	MONTH	6	SWEL-P/H		WIND-SPD	07	CLD-A	1	INST	10
DEPTH	58.0	DAY	26	SWEL-D		AIR-TEM	13.0			RESTR	
MARSD SQ	151	H/M	1510	BARO	1007.5	WET-BLB	12.0			UNAS	11H

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1510	0.0	0.0M	10.85 D	10.850	30.85 D	2360	2360	1488.2C	0	0	4303
1510	5.0	5.0M	10.80 D	10.799	30.87 D	2362	2362	1488.1C	21	1	4281
1510	9.9	10.0M	10.72 D	10.719	30.87 D	2364	2364	1487.9C	43	2	4268
1510	14.9	15.0M	9.90 D	9.898	31.00 D	2387	2387	1485.1C	64	5	4043
1510	19.8	20.0M	9.10 D	9.098	31.09 D	2407	2407	1482.4C	83	8	3856
1510	24.6	25.0M	8.20 D	8.198	31.21 D	2430	2430	1479.2C	102	13	3640
1510	29.8	30.0M	5.68 D	5.678	31.41 D	2478	2478	1469.5C	119	17	3178
1510	39.7	40.0M	-0.13 D	-0.130	31.71 D	2548	2548	1444.8C	147	27	2505
1510	49.6	50.0M	-0.67 D	-0.670	31.88 D	2564	2564	1442.7C	172	39	2355

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.850	10.850	30.850	2360	2360	1488.2	0	0	4303
	9.9	10.0	10.720	10.719	30.870	2364	2364	1487.9	43	2	4268
	19.8	20.0	9.100	9.098	31.090	2407	2407	1482.4	83	8	3856
	29.8	30.0	5.680	5.678	31.410	2478	2478	1469.5	119	17	3178
	49.6	50.0	-0.669	-0.669	31.880	2564	2564	1442.7	172	39	2355

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 159

LAT	N46 55.80	YEAR	1968	WAVE-P/H	1303	WIND-DIR	320	WW	02	COUN	18
LONG W	62 10.00	MONTH	6	SWEL-P/H		WIND-SPD	07	CLD-A	1	INST	10
DEPTH	55.0	DAY	26	SWEL-D		AIR-TEM	13.0			RESTR	
MARSD SQ	151	H/M	1608	BARO	1007.5	WET-BLB	10.5			UNAS	10H

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1608	0.0	0.0M	11.23 D	11.230	30.44 D	2321	2321	1489.0C	0	0	4669
1608	5.0	5.0M	11.20 D	11.199	30.47 D	2324	2324	1489.0C	23	1	4642
1608	9.9	10.0M	11.20 D	11.199	30.47 D	2324	2324	1489.1C	47	2	4643
1608	14.9	15.0M	8.48 D	8.478	30.83 D	2396	2396	1479.6C	68	5	3961
1608	19.8	20.0M	5.80 D	5.798	31.20 D	2460	2460	1469.6C	86	8	3348
1608	24.8	25.0M	1.79 D	1.789	31.53 D	2523	2523	1453.0C	102	12	2744
1608	29.8	30.0M	0.83 D	0.829	31.69 D	2542	2542	1449.0C	115	16	2566
1608	39.7	40.0M	-1.10 D	-1.100	31.92 D	2568	2568	1440.5C	139	24	2312
1608	49.6	50.0M	-1.18 D	-1.180	31.91 D	2568	2568	1440.3C	162	35	2317

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.230	11.230	30.440	2321	2321	1489.0	0	0	4669
	9.9	10.0	11.200	11.199	30.470	2324	2324	1489.1	47	2	4643
	19.8	20.0	5.800	5.798	31.200	2460	2460	1469.6	86	8	3348
	29.8	30.0	0.830	0.829	31.690	2542	2542	1449.0	115	16	2566
	49.6	50.0	-1.179	-1.179	31.910	2568	2568	1440.3	162	35	2317

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 160

LAT	N47	5.80	YEAR	1968	WAVE-P/H	1303	WIND-DIR	320	WW	02	CCUN	18
LONG	W 62	10.00	MONTH	6	SWEL-P/H		WIND-SPD	07	CLO-A	1	INST	10
DEPTH		55.0	DAY	26	SWEL-D		AIR-TEM	14.0			RESTR	
MARSD SQ		151	H/M	1720	BARO	1008.0	WET-BLB	10.5			UNAS	9H

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1720	0.0	0.0M	9.80 D	9.800	31.07 D	2394	2394	1484.6C	0	0	3974
1720	5.0	5.0M	9.76 D	9.759	31.15 D	2401	2401	1484.7C	20	1	3908
1720	9.9	10.0M	9.61 D	9.609	31.20 D	2408	2408	1484.3C	39	2	3849
1720	14.9	15.0M	8.23 D	8.229	31.23 D	2431	2431	1479.2C	58	4	3628
1720	19.8	20.0M	1.20 D	1.199	31.57 D	2530	2530	1450.3C	74	7	2677
1720	24.8	25.0M	0.26 D	0.259	31.60 D	2538	2538	1446.2C	87	10	2607
1720	29.8	30.0M	-0.62 D	-0.620	31.75 D	2553	2553	1442.4C	99	14	2457
1720	39.7	40.0M	-1.00 D	-1.000	31.79 D	2558	2558	1440.8C	124	22	2415

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.800	9.800	31.070	2394	2394	1484.6	0	0	3974
	9.9	10.0	9.610	9.609	31.200	2408	2408	1484.3	39	2	3849
	19.8	20.0	1.200	1.199	31.570	2530	2530	1450.3	74	7	2677
	29.8	30.0	-0.619	-0.619	31.750	2553	2553	1442.4	99	14	2457

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 161

LAT	N47	5.80	YEAR	1968	WAVE-P/H	1303	WIND-DIR	320	WW	02	COUN	18
LONG	W 61	55.40	MONTH	6	SWEL-P/H		WIND-SPD	07	CLD-A	1	INST	10
DEPTH		32.0	DAY	26	SWEL-D		AIR-TEM	13.0			RESTR	
MARSD	SQ	151	H/M	1815	BARO	1008.8	WET-BLB	10.5			UNAS	91

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1815	0.0	0.0M	9.92 D	9.920	31.12 D	2396	2396	1485.1C	0	0	3955
1815	5.0	5.0M	9.88 D	9.879	31.25 D	2407	2407	1485.2C	20	0	3852
1815	9.9	10.0M	9.78 D	9.779	31.25 D	2409	2409	1484.9C	39	2	3838
1815	14.9	15.0M	0.38 D	0.379	31.62 D	2539	2539	1446.6C	55	4	2597
1815	19.8	20.0M	-0.20 D	-0.200	31.55 D	2536	2536	1443.9C	68	6	2627
1815	24.8	25.0M	-0.20 D	-0.200	31.58 D	2538	2538	1444.0C	81	9	2603

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.920	9.920	31.120	2396	2396	1485.1	0	0	3955
	9.9	10.0	9.780	9.779	31.250	2409	2409	1484.9	39	2	3838
	19.8	20.0	-0.199	-0.199	31.550	2536	2536	1443.9	68	6	2627

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 162

LAT	N46 55.80	YEAR	1968	WAVE-P/H	1303	WIND-DIR	320	WW	02	COUN	18
LONG	W 61 55.40	MONTH	6	SWEL-P/H		WIND-SPD	06	CLD-A	1	INST	10
DEPTH	51.0	DAY	26	SWEL-D		AIR-TEM	13.0			RESTR	
MARSD SQ	151	H/M	1915	BARO	1009.0	WET-BLB	10.5			UNAS	101

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1915	0.0	0.0M	10.56 D	10.560	30.92 D	2370	2370	1487.2C	0	0	4204
1915	5.0	5.0M	10.53 D	10.529	30.96 D	2374	2374	1487.2C	21	1	4169
1915	9.9	10.0M	10.45 D	10.449	30.97 D	2376	2376	1487.0C	42	2	4150
1915	14.9	15.0M	8.60 D	8.598	31.12 D	2417	2417	1480.4C	62	5	3762
1915	19.8	20.0M	5.78 D	5.778	31.31 D	2469	2469	1469.6C	79	8	3262
1915	24.8	25.0M	1.25 D	1.249	31.50 D	2524	2524	1450.5C	94	11	2734
1915	29.8	30.0M	-0.60 D	-0.600	31.66 D	2546	2546	1442.4C	107	15	2527
1915	39.7	40.0M	-0.72 D	-0.720	31.61 D	2542	2542	1441.9C	133	24	2561
1915	49.6	50.0M	-0.78 D	-0.780	31.61 D	2543	2543	1441.8C	158	36	2558

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.560	10.560	30.920	2370	2370	1487.2	0	0	4204
	9.9	10.0	10.450	10.449	30.970	2376	2376	1487.0	42	2	4150
	19.8	20.0	5.780	5.778	31.310	2469	2469	1469.6	79	8	3262
	29.8	30.0	-0.599	-0.599	31.660	2546	2546	1442.4	107	15	2527
	49.6	50.0	-0.779	-0.779	31.610	2543	2543	1441.8	158	36	2558

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 163

LAT	N46 45.80	YEAR	1968	WAVE-P/H	1303	WIND-DIR	320	WW	02	COUN	18
LONG	W 61 55.40	MONTH	6	SWEL-P/H		WIND-SPD	06	CLD-A	1	INST	10
DEPTH	67.0	DAY	26	SWEL-D		AIR-TEM	13.0			RESTR	
MARSD	SQ 151	H/M	2013	BARO	1009.0	WET-BLB	10.5			UNAS	111

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2013	0.0	0.0M	11.15 D	11.150	30.53 D	2330	2330	1488.9C	0	0	4589
2013	5.0	5.0M	11.12 D	11.119	30.52 D	2330	2330	1488.8C	23	1	4592
2013	9.9	10.0M	9.74 D	9.739	30.88 D	2381	2381	1484.3C	45	2	4107
2013	14.9	15.0M	9.10 D	9.098	31.20 D	2415	2416	1482.4C	64	5	3773
2013	19.8	20.0M	6.42 D	6.418	31.13 D	2447	2447	1472.0C	83	8	3471
2013	24.8	25.0M	2.40 D	2.399	31.30 D	2501	2501	1455.4C	99	12	2960
2013	29.8	30.0M	1.20 D	1.199	31.33 D	2511	2511	1450.2C	113	16	2860
2013	39.7	40.0M	-0.15 D	-0.150	31.50 D	2531	2531	1444.4C	141	26	2666
2013	49.6	50.0M	-0.69 D	-0.690	31.56 D	2538	2538	1442.1C	167	38	2600
2013	59.5	60.0M	-0.85 D	-0.850	31.64 D	2545	2545	1441.7C	193	52	2533

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.150	11.150	30.530	2330	2330	1488.9	0	0	4589
	9.9	10.0	9.740	9.739	30.880	2381	2381	1484.3	45	2	4107
	19.8	20.0	6.420	6.418	31.130	2447	2447	1472.0	83	8	3471
	29.8	30.0	1.200	1.199	31.330	2511	2511	1450.2	113	16	2860
	49.6	50.0	-0.689	-0.689	31.560	2538	2538	1442.1	167	38	2600

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 164

LAT	N46 35.30	YEAR	1968	WAVE-P/H	1303	WIND-DIR	320	WW	02	COUN	18
LONG W	61 55.40	MONTH	6	SWEL-P/H		WIND-SPD	05	CLD-A	1	INST	10
DEPTH	47.0	DAY	26	SWEL-D		AIR-TEM	14.0			RESTR	
MARSD SQ	151	H/M	2108	BARO	1010.7	WET-BLR	10.5			UNAS	121

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2108	0.0	0.0M	11.00 D	11.000	30.65 D	2342	2342	1488.5C	0	0	4475
2108	5.0	5.0M	10.99 D	10.989	30.65 D	2342	2342	1488.5C	22	1	4474
2108	9.9	10.0M	10.93 D	10.929	30.65 D	2343	2343	1488.4C	45	2	4465
2108	14.9	15.0M	10.32 D	10.318	30.80 D	2365	2365	1486.4C	67	5	4257
2108	19.8	20.0M	7.40 D	7.398	30.83 D	2411	2411	1475.5C	87	9	3816
2108	24.8	25.0M	2.87 D	2.869	31.01 D	2474	2474	1457.0C	104	13	3215
2108	29.8	30.0M	2.42 D	2.418	31.06 D	2481	2481	1455.2C	120	17	3144
2108	39.7	40.0M	1.61 D	1.608	31.13 D	2493	2493	1451.9C	151	28	3037

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.000	11.000	30.650	2342	2342	1488.5	0	0	4475
	9.9	10.0	10.930	10.929	30.650	2343	2343	1488.4	45	2	4465
	19.8	20.0	7.400	7.398	30.830	2411	2411	1475.5	87	9	3816
	29.8	30.0	2.420	2.418	31.060	2481	2481	1455.2	120	17	3144

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 165

LAT	N46 35.30	YEAR	1968	WAVE-P/H	1303	WIND-DIR	320	WW	02	COUN	18
LONG	W 61 40.70	MONTH	6	SWEL-P/H		WIND-SPD	05	CLD-A	1	INST	10
DEPTH	58.0	DAY	26	SWEL-D		AIR-TEM	14.0			RESTR	
MARSD SQ	151	H/M	2200	BARO	1010.7	WET-BLB	10.5			UNAS	12J

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2200	0.0	0.0M	11.05 D	11.050	30.89 D	2359	2359	1488.9C	0	0	4306
2200	5.0	5.0M	11.07 D	11.069	30.88 D	2358	2358	1489.1C	22	1	4317
2200	9.9	10.0M	11.05 D	11.049	30.89 D	2359	2360	1489.1C	43	2	4307
2200	14.9	15.0M	10.50 D	10.498	30.89 D	2369	2369	1487.2C	65	5	4219
2200	19.8	20.0M	7.22 D	7.218	31.10 D	2435	2435	1475.1C	84	8	3592
2200	24.8	25.0M	1.94 D	1.939	31.22 D	2498	2498	1453.2C	101	12	2989
2200	29.8	30.0M	1.00 D	0.999	31.22 D	2503	2503	1449.1C	115	16	2933
2200	39.7	40.0M	0.80 D	0.799	31.26 D	2508	2508	1448.4C	144	27	2892
2200	49.6	50.0M	0.15 D	0.148	31.28 D	2512	2512	1445.6C	173	40	2846

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.050	11.050	30.890	2359	2359	1488.9	0	0	4306
	9.9	10.0	11.050	11.049	30.890	2359	2360	1489.1	43	2	4307
	19.8	20.0	7.220	7.218	31.100	2435	2435	1475.1	84	8	3592
	29.8	30.0	1.000	0.999	31.220	2503	2503	1449.1	115	16	2933
	49.6	50.0	0.150	0.148	31.280	2512	2512	1445.6	173	40	2846

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 166

LAT	N46 45.80	YEAR	1968	WAVE-P/H	1303	WIND-DIR	320	WW	02	COUN	18
LONG	W 61 40.70	MONTH	6	SWEL-P/H		WIND-SPD	05	CLD-A	1	INST	10
DEPTH	70.0	DAY	26	SWEL-D		AIR-TEM	12.8			RESTR	
MARSD SQ	151	H/M	2256	BARO	1010.7	WET-BLB	10.5			UNAS	11J

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2256	0.0	0.0M	11.00 D	11.000	30.90 D	2361	2361	1488.8C	0	0	4290
2256	5.0	5.0M	10.88 D	10.879	30.97 D	2369	2369	1488.5C	21	1	4220
2256	9.9	10.0M	9.55 D	9.549	31.09 D	2400	2400	1483.9C	42	2	3922
2256	14.9	15.0M	9.18 D	9.178	31.12 D	2408	2408	1482.6C	61	5	3845
2256	19.8	20.0M	8.25 D	8.248	31.11 D	2421	2421	1479.2C	80	8	3720
2256	24.8	25.0M	2.20 D	2.199	31.34 D	2505	2505	1454.5C	97	12	2916
2256	29.8	30.0M	-0.05 D	-0.050	31.51 D	2532	2532	1444.7C	110	16	2663
2256	39.7	40.0M	-0.70 D	-0.700	31.59 D	2541	2541	1442.0C	136	25	2577
2256	49.6	50.0M	-0.81 D	-0.810	31.61 D	2543	2543	1441.6C	162	37	2557
2256	59.5	60.0M	-0.81 D	-0.810	31.70 D	2550	2550	1441.9C	187	51	2488

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.000	11.000	30.900	2361	2361	1488.8	0	0	4290
	9.9	10.0	9.550	9.549	31.090	2400	2400	1483.9	42	2	3922
	19.8	20.0	8.250	8.248	31.110	2421	2421	1479.2	80	8	3720
	29.8	30.0	-0.049	-0.049	31.510	2532	2532	1444.7	110	16	2663
	49.6	50.0	-0.809	-0.809	31.610	2543	2543	1441.6	162	37	2557

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 167

LAT	N46 55.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	320	WW	02	COUN	18
LONG W	61 40.70	MONTH	6	SWEL-P/H	1302	WIND-SPD	05	CLD-A	1	INST	10
DEPTH	49.0	DAY	26	SWEL-D	320	AIR-TEM	11.9			RESTR	
MARSD SQ	151	H/M	2355	BARO	1010.5	WET-BLB	9.0			UNAS	10J

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2355	0.0	0.0M	10.59 D	10.590	31.00 D	2376	2376	1487.4C	0	0	4149
2355	5.0	5.0M	10.58 D	10.579	30.99 D	2375	2375	1487.5C	21	1	4156
2355	9.9	10.0M	8.24 D	8.239	31.23 D	2431	2431	1479.1C	40	2	3628
2355	14.9	15.0M	7.39 D	7.389	31.21 D	2441	2441	1475.9C	58	4	3530
2355	19.8	20.0M	3.09 D	3.089	31.43 D	2506	2506	1458.5C	74	7	2913
2355	24.8	25.0M	1.00 D	0.999	31.49 D	2525	2525	1449.4C	88	10	2727
2355	29.8	30.0M	-0.34 D	-0.340	31.58 D	2539	2539	1443.5C	102	14	2597
2355	39.7	40.0M	-0.38 D	-0.380	31.54 D	2536	2536	1443.4C	128	23	2626

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.590	10.590	31.000	2376	2376	1487.4	0	0	4149
	9.9	10.0	8.240	8.239	31.230	2431	2431	1479.1	40	2	3628
	19.8	20.0	3.090	3.089	31.430	2506	2506	1458.5	74	7	2913
	29.8	30.0	-0.339	-0.339	31.580	2539	2539	1443.5	102	14	2597

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 168

LAT	N47	5.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	320	WW	02	COUN	18
LONG	W 61	40.70	MONTH	6	SWEL-P/H	1302	WIND-SPD	07	CLD-A	1	INST	10
DEPTH		26.0	DAY	27	SWEL-D	320	AIR-TEM	11.0			RESTR	
MARSD	SQ	151	H/M	0058	BARO	1011.0	WET-BLB	9.0			UNAS	9J

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0058	0.0	0.0M	9.48 D	9.480	31.32 D	2419	2419	1483.8C	0	0	3739
0058	5.0	5.0M	9.42 D	9.419	31.32 D	2420	2420	1483.6C	19	0	3730
0058	9.9	10.0M	9.39 D	9.389	31.32 D	2420	2420	1483.6C	37	2	3726
0058	14.9	15.0M	8.20 D	8.199	31.33 D	2439	2439	1479.2C	56	4	3549
0058	19.8	20.0M	2.47 D	2.469	31.43 D	2511	2511	1455.8C	72	7	2867

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.480	9.480	31.320	2419	2419	1483.8	0	0	3739
	9.9	10.0	9.390	9.389	31.320	2420	2420	1483.6	37	2	3726
	19.8	20.0	2.470	2.469	31.430	2511	2511	1455.8	72	7	2867

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 169

LAT	N47	5.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	320	WW	02	COUN	18
LONG W	61	23.10	MONTH	6	SWEL-P/H	1302	WIND-SPD	07	CLD-A	2	INST	10
DEPTH		32.0	DAY	27	SWEL-D	320	AIR-TEM	11.0			RESTR	
MARSD SQ		151	H/M	0154	BARO	1011.2	WET-BLB	9.0			UNAS	9K

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0154	0.0	0.0M	9.02 D	9.020	31.32 D	2426	2426	1482.0C	0	0	3671
0154	5.0	5.0M	9.03 D	9.029	31.32 D	2426	2426	1482.2C	18	0	3673
0154	9.9	10.0M	9.02 D	9.019	31.32 D	2426	2426	1482.2C	37	2	3672
0154	14.9	15.0M	8.70 D	8.698	31.30 D	2429	2429	1481.0C	55	4	3642
0154	19.8	20.0M	5.70 D	5.698	31.42 D	2479	2479	1469.4C	72	7	3171
0154	24.8	25.0M	5.32 D	5.318	31.30 D	2474	2474	1467.8C	88	11	3221
0154	29.8	30.0M	5.31 D	5.308	31.30 D	2474	2474	1467.9C	104	15	3220

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.020	9.020	31.320	2426	2426	1482.0	0	0	3671
	9.9	10.0	9.020	9.019	31.320	2426	2426	1482.2	37	2	3672
	19.8	20.0	5.700	5.698	31.420	2479	2479	1469.4	72	7	3171
	29.8	30.0	5.310	5.308	31.300	2474	2474	1467.9	104	15	3220

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 170

LAT	N46 55.80	YEAR	1968	WAVE-P/H	1201	WIND-DIR	320	WW	02	COUN	18
LONG	W 61 23.10	MONTH	6	SWEL-P/H	1302	WIND-SPD	06	CLD-A	2	INST	10
DEPTH	51.0	DAY	27	SWEL-D	320	AIR-TEM	11.0			RESTR	
MARSD SQ	151	H/M	0241	BARO	1012.0	WET-BLB	9.0			UNAS	10K

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0241	0.0	0.0M	9.00 D	9.000	31.20 D	2417	2417	1481.8C	0	0	3757
0241	5.0	5.0M	8.99 D	8.989	31.20 D	2417	2417	1481.8C	19	0	3756
0241	9.9	10.0M	8.97 D	8.969	31.19 D	2417	2417	1481.8C	38	2	3762
0241	14.9	15.0M	8.50 D	8.498	31.35 D	2436	2436	1480.3C	56	4	3576
0241	19.8	20.0M	1.00 D	0.999	31.56 D	2531	2531	1449.4C	72	7	2674
0241	24.8	25.0M	-0.10 D	-0.100	31.50 D	2531	2531	1444.4C	85	10	2668
0241	29.8	30.0M	-0.30 D	-0.300	31.52 D	2534	2534	1443.6C	98	14	2645
0241	39.7	40.0M	-0.70 D	-0.700	31.65 D	2545	2545	1442.0C	124	23	2531
0241	49.6	50.0M	-0.70 D	-0.700	31.63 D	2544	2544	1442.2C	149	35	2546

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.000	9.000	31.200	2417	2417	1481.8	0	0	3757
	9.9	10.0	8.970	8.969	31.190	2417	2417	1481.8	38	2	3762
	19.8	20.0	1.000	0.999	31.560	2531	2531	1449.4	72	7	2674
	29.8	30.0	-0.299	-0.299	31.520	2534	2534	1443.6	98	14	2645
	49.6	50.0	-0.699	-0.699	31.630	2544	2544	1442.2	149	35	2546

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 171

LAT	N46 45.80	YEAR	1968	WAVE-P/H	1303	WIND-DIR	320	WW	02	COUN	18
LONG	W 61 23.10	MONTH	6	SWEL-P/H		WIND-SPD	06	CLD-A	2	INST	10
DEPTH	66.0	DAY	27	SWEL-D		AIR-TEM	11.0			RESTR	
MARSD SQ	151	H/M	0337	BARO	1012.0	WET-BLB	9.0			UNAS	11K

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0337	0.0	0.0M	10.57 D	10.570	31.04 D	2379	2379	1487.4C	0	0	4117
0337	5.0	5.0M	10.55 D	10.549	31.04 D	2380	2380	1487.4C	21	1	4114
0337	9.9	10.0M	10.57 D	10.569	31.04 D	2379	2379	1487.6C	41	2	4118
0337	14.9	15.0M	9.90 D	9.898	30.93 D	2382	2382	1485.1C	62	5	4095
0337	19.8	20.0M	6.00 D	5.998	31.20 D	2458	2458	1470.4C	81	8	3370
0337	24.8	25.0M	3.10 D	3.099	31.38 D	2502	2502	1458.5C	96	12	2953
0337	29.8	30.0M	0.30 D	0.299	31.44 D	2525	2525	1446.2C	110	16	2731
0337	39.7	40.0M	-0.28 D	-0.280	31.46 D	2529	2529	1443.7C	137	25	2691
0337	49.6	50.0M	-0.30 D	-0.300	31.50 D	2532	2532	1443.9C	164	37	2660
0337	59.5	60.0M	-0.38 D	-0.381	31.50 D	2532	2532	1443.7C	191	52	2655

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.570	10.570	31.040	2379	2379	1487.4	0	0	4117
	9.9	10.0	10.570	10.569	31.040	2379	2379	1487.6	41	2	4118
	19.8	20.0	6.000	5.998	31.200	2458	2458	1470.4	81	8	3370
	29.8	30.0	0.300	0.299	31.440	2525	2525	1446.2	110	16	2731
	49.6	50.0	-0.299	-0.299	31.500	2532	2532	1443.9	164	37	2660

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033 STATION NUMBER 172

LAT	N46 35.30	YEAR	1968	WAVE-P/H	1303	WIND-DIR	320	WW	02	COUN	18
LONG	W 61 23.10	MONTH	6	SWEL-P/H		WIND-SPD	06	CLD-A	2	INST	10
DEPTH	60.0	DAY	27	SWEL-D		AIR-TEM	11.5			RESTR	
MARSD SQ	151	H/M	0432	BARO	1012.0	WET-BLB	8.8			UNAS	12K

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0432	0.0	0.0M	10.50 D	10.500	30.87 D	2367	2367	1486.9C	0	0	4231
0432	5.0	5.0M	10.49 D	10.489	30.91 D	2371	2371	1487.0C	21	1	4200
0432	9.9	10.0M	10.50 D	10.499	30.92 D	2371	2371	1487.2C	42	2	4196
0432	14.9	15.0M	10.50 D	10.498	30.92 D	2371	2371	1487.2C	63	5	4197
0432	19.8	20.0M	8.20 D	8.198	30.97 D	2411	2411	1478.8C	83	8	3817
0432	24.8	25.0M	4.00 D	3.998	31.22 D	2481	2481	1462.2C	101	12	3151
0432	29.8	30.0M	0.92 D	0.919	31.34 D	2513	2513	1448.9C	116	17	2838
0432	39.7	40.0M	0.12 D	0.119	31.32 D	2516	2516	1445.4C	144	27	2814
0432	49.6	50.0M	0.02 D	0.018	31.39 D	2522	2522	1445.2C	172	39	2756
0432	59.5	60.0M	0.40 D	0.398	31.81 D	2554	2554	1447.7C	198	54	2452

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.500	10.500	30.870	2367	2367	1486.9	0	0	4231
	9.9	10.0	10.500	10.499	30.920	2371	2371	1487.2	42	2	4196
	19.8	20.0	8.200	8.198	30.970	2411	2411	1478.8	83	8	3817
	29.8	30.0	0.920	0.919	31.340	2513	2513	1448.9	116	17	2838
	49.6	50.0	0.020	0.018	31.390	2522	2522	1445.2	172	39	2756

DEPTH	PRESS	OXY
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CRUISE NUMBER 68033

STATION NUMBER 173

LAT	N49 22.50	YEAR	1968	WAVE-P/H	1205	WIND-DIR	090	WW	62	COUN	18
LONG	W 64 51.30	MONTH	6	SWEL-P/H		WIND-SPD	12	CLD-A	8	INST	10
DEPTH	400.0	DAY	29	SWEL-D		AIR-TEM	10.0			RESTR	
MARSD	SQ 151	H/M	0957	BARO	1016.5	WET-BLB	9.5			UNAS	GASPE

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0848	0.0	0.0M	11.85 D	11.850	28.97 D	2197	2197	1489.4C	0	0	5861
0848	5.0	5.0M	11.87 D	11.869	29.15 D	2210	2210	1489.8C	29	1	5732
0848	9.9	10.0M	11.82 D	11.819	30.26 D	2297	2297	1491.1C	56	3	4904
0848	14.9	15.0M	10.70 D	10.698	30.74 D	2354	2354	1487.7C	79	6	4362
0848	19.8	20.0M	7.85 D	7.848	31.21 D	2435	2435	1477.7C	99	9	3592
0848	24.8	25.0M	0.98 D	0.979	31.96 D	2563	2563	1449.9C	114	13	2368
0848	29.8	30.0M	-0.54 D	-0.540	32.32 D	2599	2599	1443.6C	124	16	2023
0848	39.7	40.0M	-0.70 D	-0.700	32.44 D	2609	2609	1443.1C	144	23	1926
0848	49.6	50.0M	-0.31 D	-0.310	32.64 D	2624	2624	1445.4C	163	31	1787
0848	59.5	60.0M	0.01 D	0.008	32.81 D	2636	2636	1447.3C	180	41	1670
0848	69.4	70.0M	0.39 D	0.387	32.90 D	2642	2642	1449.3C	196	52	1620
0848	79.4	80.0M	0.77 D	0.767	33.10 D	2656	2656	1451.5C	212	64	1488
0848	89.3	90.0M	1.20 D	1.196	33.29 D	2668	2668	1453.8C	226	76	1370
0848	99.2	100.0M	1.56 D	1.555	33.42 D	2676	2676	1455.8C	239	89	1294
0848	124.0	125.0M	2.40 D	2.393	33.75 D	2696	2696	1460.3C	269	123	1108
0848	148.8	150.0M	2.89 D	2.881	33.99 D	2711	2711	1463.2C	295	159	970
0848	173.6	175.0M	3.29 D	3.279	34.15 D	2720	2720	1465.6C	319	198	888
0848	198.3	200.0M	3.64 D	3.626	34.35 D	2733	2733	1467.7C	339	237	772
0848	247.9	250.0M	4.01 D	3.992	34.55 D	2745	2745	1470.4C	375	318	665
0848	297.4	300.0M	4.16 D	4.138	34.70 D	2755	2755	1472.0C	406	405	573
0848	347.0	350.0M	4.20 D	4.174	34.80 D	2763	2763	1473.1C	433	494	508

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.850	11.850	28.970	2197	2197	1489.4	0	0	5861
	9.9	10.0	11.820	11.819	30.260	2297	2297	1491.1	56	3	4904
	19.8	20.0	7.850	7.848	31.210	2435	2435	1477.7	99	9	3592
	29.8	30.0	-0.539	-0.539	32.320	2599	2599	1443.6	124	16	2023
	49.6	50.0	-0.309	-0.309	32.640	2624	2624	1445.4	163	31	1787
	74.4	75.0	0.580A	0.577	33.000B	2649	2649	1450.4A	204	58	1553
	99.2	100.0	1.560	1.555	33.420	2676	2676	1455.8	239	89	1294
	124.0	125.0	2.400	2.393	33.750	2696	2696	1460.3	269	123	1108
	148.8	150.0	2.890	2.881	33.990	2711	2711	1463.2	295	159	970
	173.6	175.0	3.290	3.279	34.150	2720	2720	1465.6	319	198	888
	198.3	200.0	3.640	3.626	34.350	2733	2733	1467.7	339	237	772
	223.1	225.0	3.875C	3.858	34.465C	2740	2740	1469.3A	358	277	714
	247.9	250.0	4.010	3.992	34.550	2745	2745	1470.4	375	318	665
	297.4	300.0	4.160	4.138	34.700	2755	2755	1472.0	406	405	573

CRUISE NUMBER 68033

STATION NUMBER 174

DEPTH	PRESS	OXY
0.0	0.0	632W
9.9	10.0	607
19.8	20.0	582
29.8	30.0	644
49.6	50.0	587

232

CRUISE NUMBER 68033 STATION NUMBER 175

LAT	N48 22.10	YEAR	1968	WAVE-P/H	WIND-DIR	000	WW	40	COUN	15
LONG	W 70 34.00	MONTH	6	SWEL-P/H	WIND-SPD	00	CLD-A	8	INST	10
DEPTH	264.0	DAY	30	SWEL-D	AIR-TEM	14.0			RESTR	
MARSD	SQ 152	H/M	0946	BARO	1007.0	WET-BLB	13.5		UNAS	SAG 2

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	CHI	SVA
0946	0.0	0.0M	13.07 D	13.070	5.73 D	387	387	1465.9C	0	23507
0946	5.0	5.0M	12.65 D							
0946	9.9	10.0M	11.13 D	11.129	14.08 D	1058	1058	1468.7C	10	16884
0946	14.9	15.0M	3.56 D							
0946	19.8	20.0M	2.57 D	2.569	27.15 D	2169	2169	1450.4C	26	6126
0946	24.8	25.0M	2.25 D							
0946	29.8	30.0M	2.09 D	2.089	27.97 D	2237	2237	1449.6C	375	5472
0946	39.7	40.0M	1.78 D							
0946	49.6	50.0M	1.60 D	1.598	28.64 D	2294	2294	1448.6C	478	4932
0946	59.5	60.0M	1.49 D							
0946	69.4	70.0M	1.37 D							
0946	79.4	80.0M	1.26 D							
0946	89.3	90.0M	0.90 D							
0946	99.2	100.0M	0.19 D	0.187	29.25 D	2349	2349	1443.8C	709	258 4396
0946	124.0	125.0M	0.60 D	0.596	29.59 D	2375	2375	1446.6C	816	381 4152
0946	148.8	150.0M	0.78 D	0.775	30.05 D	2411	2411	1448.5C	916	520 3809
0946	173.6	175.0M	0.45 D							
0946	198.4	200.0M	0.39 D	0.383	30.77 D	2470	2470	1448.5C	1090	830 3238
0946	247.9	250.0M	0.42 D	0.411	30.69 D	2464	2464	1449.3C	1254	1205 3298

DEPTH PRESS OXY

0.0	0.0M	
5.0	5.0M	
9.9	10.0M	641
14.9	15.0M	
19.8	20.0M	676
24.8	25.0M	
29.8	30.0M	688
39.7	40.0M	
49.6	50.0M	676
59.5	60.0M	
69.4	70.0M	
79.4	80.0M	
89.3	90.0M	
99.2	100.0M	669
124.0	125.0M	633
148.8	150.0M	579
173.6	175.0M	
198.4	200.0M	617
247.9	250.0M	590

233

CRUISE NUMBER 68033

STATION NUMBER 175

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEDA	CHI	SVA
	0.0	0.0	13.070	13.070	5.730	387	387	1465.9	0	0	23507
	9.9	10.0	11.130	11.129	14.080	1058	1058	1468.7	202	10	16884
	19.8	20.0	2.570	2.569	27.150	2169	2169	1450.4	317	26	6126
	29.8	30.0	2.090	2.089	27.970	2237	2237	1449.6	375	41	5472
	49.6	50.0	1.600	1.598	28.640	2294	2294	1448.6	478	83	4932
	74.4	75.0	1.315B	0.917	28.938D	2322	2322	1446.6A	598	158	4651
	99.2	100.0	0.190	0.187	29.250	2349	2349	1443.8	709	258	4396
	124.0	125.0	0.600	0.596	29.590	2375	2375	1446.6	816	381	4152
	148.8	150.0	0.780	0.775	30.050	2411	2411	1448.5	916	520	3809
	173.6	175.0	0.450	0.544	30.410W	2444	2444	1448.5W	1006	668	3491
	198.4	200.0	0.390	0.383	30.770	2470	2470	1448.5	1090	830	3238
	223.2	225.0	0.405W	0.397	30.730W	2467	2467	1448.9W	1172	1018	3268
	247.9	250.0	0.420	0.411	30.690	2464	2464	1449.3	1254	1205	3298

DEPTH	PRESS	OXY
0.0	0.0	606W
9.9	10.0	641
19.8	20.0	676
29.8	30.0	688
49.6	50.0	676
74.4	75.0	669B
99.2	100.0	669
124.0	125.0	633
148.8	150.0	579
173.6	175.0	606B
198.4	200.0	617
223.2	225.0	604W
247.9	250.0	590

CRUISE NUMBER 68033 STATION NUMBER 176

LAT	N48 21.50	YEAR	1968	WAVE-P/H	WIND-DIR	000	WW	40	COUN	18
LONG	W 70 23.50	MONTH	6	SWEL-P/H	WIND-SPD	00	CLD-A	8	INST	10
DEPTH	270.0	DAY	30	SWEL-D	AIR-TEM	14.0			RESTR	
MARSD	SQ 152	H/M	1054	BARO	1007.0	13.5			UNAS	SAG 3

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	CHI	SVI
1054	0.0	0.0M	13.09 D	13.090		447	447			22905
1054	5.0	5.0M	12.19 D							
1054	9.9	10.0M	6.21 D	6.209	21.00 D	1660	1660	1457.0C	170	11023
1054	14.9	15.0M	4.63 D							
1054	19.8	20.0M	3.53 D	3.529	20.00 D	2121	2121	1454.0C	254	6587
1054	24.8	25.0M	2.89 D							
1054	29.8	30.0M	2.70 D	2.699	19.77 D	2214	2214	1452.0C	319	5692
1054	39.7	40.0M	2.09 D							
1054	49.6	50.0M	1.85 D	1.848	18.32 D	2283	2283	1449.6C	375	5038
1054	59.5	60.0M	1.77 D							
1054	69.4	70.0M	1.68 D							
1054	79.4	80.0M	1.45 D							
1054	89.3	90.0M	1.16 D							
1054	99.2	100.0M	1.10 D	1.096	20.10 D	2354	2354	1448.1C	658	4353
1054	124.0	125.0M	0.60 D	0.596	20.01 D	2376	2376	1446.6C	764	4137
1054	148.8	150.0M	0.69 D	0.685	30.12 D	2417	2417	1448.1C	863	3751
1054	173.6	175.0M	0.48 D							
1054	198.4	200.0M	0.42 D	0.411	30.58 D	2455	2455	1448.4C	1039	3384
1054	247.9	250.0M	0.42 D	0.411	30.58 D	2463	2463	1449.3C	1207	3306

DEPTH	PRESS	OXY
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0.0	0.0M	
5.0	5.0M	
9.9	10.0M	639
14.9	15.0M	
19.8	20.0M	662
24.8	25.0M	
29.8	30.0M	664
39.7	40.0M	
49.6	50.0M	667
59.5	60.0M	
69.4	70.0M	
79.4	80.0M	
89.3	90.0M	
99.2	100.0M	657
124.0	125.0M	642
148.8	150.0M	607
173.6	175.0M	
198.4	200.0M	627
247.9	250.0M	612

235

CRUISE NUMBER 68033

STATION NUMBER 176

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	13.090	13.090	6.520	447	447	1466.9	0	0	22905
	9.9	10.0	6.210	6.209	21.080	1660	1660	1457.9	170	8	11023
	19.8	20.0	3.530	3.529	26.630	2121	2121	1454.0	258	21	6587
	29.8	30.0	2.700	2.699	27.730	2214	2214	1452.0	319	36	5692
	49.6	50.0	1.850	1.848	28.520	2283	2283	1449.6	426	80	5038
	74.4	75.0	1.582A	1.506	28.940W	2326	2326	1449.1A	548	156	4621
	99.2	100.0	1.100	1.096	29.360	2354	2354	1448.1	658	255	4353
	124.0	125.0	0.600	0.596	29.610	2376	2376	1446.6	764	377	4137
	148.8	150.0	0.690	0.685	30.120	2417	2417	1448.1	863	515	3751
	173.6	175.0	0.480	0.529	30.436D	2443	2443	1448.2A	953	664	3508
	198.4	200.0	0.420	0.413	30.580	2455	2455	1448.4	1039	829	3384
	223.2	225.0	0.420W	0.412	30.630W	2459	2459	1448.9W	1123	1021	3345
	247.9	250.0	0.420	0.411	30.680	2463	2463	1449.3	1207	1212	3306

DEPTH	PRESS	OXY
0.0	0.0	616W
9.9	10.0	639
19.8	20.0	662
29.8	30.0	664
49.6	50.0	667
74.4	75.0	665A
99.2	100.0	657
124.0	125.0	642
148.8	150.0	607
173.6	175.0	621A
198.4	200.0	627
223.2	225.0	620W
247.9	250.0	612

CRUISE NUMBER 68033

STATION NUMBER 177

LAT	N48 17.80	YEAR	1968	WAVE-P/H	WIND-DIR	330	WW	02	COUN	18
LONG	W 70 14.50	MONTH	6	SWEL-P/H	WIND-SPD	02	CLD-A	8	INST	10
DEPTH	268.0	DAY	30	SWEL-D	AIR-TEM	14.9			RESTR	
MARSD	SQ 152	H/M	1205	BARO	1007.0	WET-BLB	13.9		UNAS	SAG 4

OBSERVED

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1205	0.0	0.0M	12.19 D	12.190	10.00 D	728	728	1467.7C	0	0	20125
1205	5.0	5.0M	11.40 D								
1205	9.9	10.0M	8.89 D	8.889	18.03 D	1393	1393	1464.9C	169	8	13614
1205	14.9	15.0M	5.88 D								
1205	19.8	20.0M	4.59 D	4.589	26.37 D	2092	2092	1458.2C	271	23	6869
1205	24.8	25.0M	3.55 D								
1205	29.8	30.0M	3.42 D	3.418	27.83 D	2217	2217	1455.2C	334	39	5667
1205	39.7	40.0M	2.94 D								
1205	49.6	50.0M	2.62 D	2.618	28.56 D	2281	2281	1453.0C	441	82	5056
1205	59.5	60.0M	2.53 D								
1205	69.4	70.0M	2.35 D								
1205	79.4	80.0M	1.85 D								
1205	89.3	90.0M	1.63 D								
1205	99.2	100.0M	1.48 D	1.476	29.33 D	2349	2349	1449.8C	675	260	4397
1205	124.0	125.0M	0.67 D	0.666	29.64 D	2378	2378	1447.0C	781	382	4117
1205	148.8	150.0M	0.59 D	0.585	30.18 D	2422	2422	1447.8C	879	518	3700
1205	173.6	175.0M	0.48 D								
1205	198.4	200.0M	0.45 D	0.443	30.56 D	2453	2453	1448.5C	1055	831	3400
1205	247.9	250.0M	0.43 D	0.421	30.67 D	2462	2462	1449.3C	1222	1216	3314

DEPTH PRESS OXY

0.0	0.0M	
5.0	5.0M	
9.9	10.0M	647
14.9	15.0M	
19.8	20.0M	665
24.8	25.0M	
29.8	30.0M	672
39.7	40.0M	
49.6	50.0M	666
59.5	60.0M	
69.4	70.0M	
79.4	80.0M	
89.3	90.0M	
99.2	100.0M	653
124.0	125.0M	645
148.8	150.0M	623
173.6	175.0M	
198.4	200.0M	610
247.9	250.0M	607

CRUISE NUMBER 68033

STATION NUMBER 177

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	12.190	12.190	10.000	728	728	1467.7	0	0	20125
	9.9	10.0	8.890	8.889	18.030	1393	1393	1464.9	169	8	13614
	19.8	20.0	4.590	4.589	26.370	2092	2092	1458.2	271	23	6869
	29.8	30.0	3.420	3.418	27.830	2217	2217	1455.2	334	39	5667
	49.6	50.0	2.620	2.618	28.560	2281	2281	1453.0	441	82	5056
	74.4	75.0	2.095E	2.087	28.945W	2318	2318	1451.48	564	159	4699
	99.2	100.0	1.480	1.476	29.330	2349	2349	1449.8	675	260	4397
	124.0	125.0	0.670	0.666	29.640	2378	2378	1447.0	781	382	4117
	148.8	150.0	0.590	0.585	30.180	2422	2422	1447.8	879	518	3700
	173.6	175.0	0.480	0.508	30.370W	2444	2444	1448.1A	970	666	3485
	198.4	200.0	0.450	0.443	30.560	2453	2453	1448.5	1055	831	3400
	223.2	225.0	0.440W	0.432	30.615W	2458	2458	1448.9W	1139	1024	3357
	247.9	250.0	0.430	0.421	30.670	2462	2462	1449.3	1222	1216	3314

DEPTH	PRESS	OXY
0.0	0.0	629W
9.9	10.0	647
19.8	20.0	665
29.8	30.0	672
49.6	50.0	666
74.4	75.0	659A
99.2	100.0	653
124.0	125.0	645
148.8	150.0	623
173.6	175.0	614A
198.4	200.0	610
223.2	225.0	609W
247.9	250.0	607

CRUISE NUMBER 68033

STATION NUMBER 178

LAT	N48 15.20	YEAR	1968	WAVE-P/H	WIND-DIR	330	WW	02	COUN	18
LONG	W 70 4.20	MONTH	6	SWEL-P/H	WIND-SPD	02	CLD-A	6	INST	10
DEPTH	194.0	DAY	30	SWEL-D	AIR-TEM	15.5			RESTR	
MARSD	SQ 152	H/M	1320	BARO	1007.0	WET-BLB	14.0		UNAS	SAG 5

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1320	0.0	0.0M	11.36 D	11.360	13.49 D	1010	1010	1468.7C	0	0	17363
1320	5.0	5.0M	10.53 D								
1320	9.9	10.0M	6.54 D	6.539	13.16 D	1036	1036	1449.3C	172	9	17101
1320	14.9	15.0M	5.29 D								
1320	19.8	20.0M	4.68 D	4.679	26.48 D	2100	2100	1458.7C	292	26	6793
1320	24.8	25.0M	4.32 D								
1320	29.8	30.0M	3.81 D	3.808	27.73 D	2206	2206	1456.8C	355	42	5774
1320	39.7	40.0M	3.46 D								
1320	49.6	50.0M	3.11 D	3.107	28.73 D	2291	2291	1455.4C	462	85	4962
1320	59.5	60.0M	2.68 D								
1320	69.4	70.0M	2.20 D								
1320	79.4	80.0M	2.07 D								
1320	89.3	90.0M	1.91 D								
1320	99.2	100.0M	1.71 D	1.706	29.42 D	2355	2355	1451.0C	695	261	4341
1320	124.0	125.0M	0.82 D	0.816	29.72 D	2384	2384	1447.8C	800	381	4063
1320	148.8	150.0M	0.67 D	0.665	30.14 D	2419	2419	1448.1C	897	518	3734
1320	173.6	175.0M	0.48 D								

DEPTH	PRESS	OXY
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0.0	0.0M	
5.0	5.0M	
9.9	10.0M	652
14.9	15.0M	
19.8	20.0M	661
24.8	25.0M	
29.8	30.0M	662
39.7	40.0M	
49.6	50.0M	657
59.5	60.0M	
69.4	70.0M	
79.4	80.0M	
89.3	90.0M	
99.2	100.0M	643
124.0	125.0M	633
148.8	150.0M	624
173.6	175.0M	

CRUISE NUMBER 68033

STATION NUMBER 178

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.360	11.360	13.490	1010	1010	1468.7	0	0	17363
	9.9	10.0	6.540	6.539	13.160	1036	1036	1449.3	172	9	17101
	19.8	20.0	4.680	4.679	26.480	2100	2100	1458.7	292	26	6793
	29.8	30.0	3.810	3.808	27.730	2206	2206	1456.8	355	42	5774
	49.6	50.0	3.110	3.107	28.730	2291	2291	1455.4	462	85	4962
	74.4	75.0	2.136C	2.403	29.075W	2325	2325	1453.5A	584	161	4635
	99.2	100.0	1.710	1.706	29.420	2355	2355	1451.0	695	261	4341
	124.0	125.0	0.820	0.816	29.720	2384	2384	1447.8	800	381	4063
	148.8	150.0	0.670	0.665	30.140	2419	2419	1448.1	897	518	3734
	173.6	175.0	0.480								

DEPTH	PRESS	OXY
0.0	0.0	643W
9.9	10.0	652
19.8	20.0	661
29.8	30.0	662
49.6	50.0	657
74.4	75.0	650A
99.2	100.0	643
124.0	125.0	633
148.8	150.0	624

CRUISE NUMBER 68033

STATION NUMBER 179

LAT	N48 13.60	YEAR	1968	WAVE-P/H		WIND-DIR	330	WW	01	COUN	18
LONG	W 69 53.90	MONTH	6	SWEL-P/H		WIND-SPD	05	CLD-A	5	INST	10
DEPTH	166.0	DAY	30	SWEL-D		AIR-TEM	17.0			RESTR	
MARSD SQ	151	H/M	1430	BARO	1007.0	WET-BLB	14.5			UNAS SAG	6

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1430	0.0	0.0M	9.98 D	9.980	14.82 D	1131	1131	1465.1C	0	0	16177
1430	5.0	5.0M	9.46 D								
1430	9.9	10.0M	6.13 D	6.129	25.00 D	1969	1969	1462.6C	121	5	8048
1430	14.9	15.0M	5.42 D								
1430	19.8	20.0M	5.05 D	5.049	27.16 D	2150	2150	1461.1C	193	16	6312
1430	24.8	25.0M	4.88 D								
1430	29.8	30.0M	4.41 D	4.408	27.75 D	2202	2202	1459.4C	253	32	5809
1430	39.7	40.0M	4.12 D								
1430	49.6	50.0M	3.34 D	3.337	28.65 D	2283	2283	1456.3C	361	75	5039
1430	59.5	60.0M	3.20 D								
1430	69.4	70.0M	2.83 D								
1430	79.4	80.0M	2.69 D								
1430	89.3	90.0M	2.47 D								
1430	99.2	100.0M	2.30 D	2.295	29.27 D	2340	2340	1453.4C	600	256	4493
1430	124.0	125.0M	1.65 D	1.645	29.48 D	2360	2360	1451.2C	709	381	4291
1430	148.8	150.0M	1.55 D	1.544	29.60 D	2371	2371	1451.3C	815	530	4194

DEPTH	PRESS	OXY
0.0	0.0M	
5.0	5.0M	
9.9	10.0M	665
14.9	15.0M	
19.8	20.0M	668
24.8	25.0M	
29.8	30.0M	667
39.7	40.0M	
49.6	50.0M	657
59.5	60.0M	
69.4	70.0M	
79.4	80.0M	
89.3	90.0M	
99.2	100.0M	649
124.0	125.0M	647
148.8	150.0M	642

CRUISE NUMBER 68033 STATION NUMBER 179

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	PQT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.980	9.980	14.820	1131	1131	1465.1	0	0	16177
	9.9	10.0	6.130	6.129	25.000	1969	1969	1462.6	121	5	8048
	19.8	20.0	5.050	5.049	27.160	2150	2150	1461.1	193	16	6312
	29.8	30.0	4.410	4.408	27.750	2202	2202	1459.4	253	32	5809
	49.6	50.0	3.340	3.337	28.650	2283	2283	1456.3	361	75	5039
	74.4	75.0	2.768C	2.850	28.960W	2316	2316	1455.1A	486	153	4727
	99.2	100.0	2.300	2.295	29.270	2340	2340	1453.4	600	256	4493
	124.0	125.0	1.650	1.645	29.480	2360	2360	1451.2	709	381	4291
	148.8	150.0	1.550	1.544	29.600	2371	2371	1451.3	815	530	4194

DEPTH	PRESS	OXY
0.0	0.0	662W
9.9	10.0	665
19.8	20.0	668
29.8	30.0	667
49.6	50.0	657
74.4	75.0	652A
99.2	100.0	649
124.0	125.0	647
148.8	150.0	642

CRUISE NUMBER 68033 STATION NUMBER 180

LAT	N48	8.30	YEAR	1968	WAVE-P/H	WIND-DIR	250	WW	01	COUN	18
LONG	W 69	46.10	MONTH	6	SWEL-P/H	WIND-SPD	04	CLD-A	5	INST	10
DEPTH		240.0	DAY	30	SWEL-D	AIR-TEM	19.5			RESTR	
MARSD	SQ	151	H/M	1532	BARO	1007.0	WET-BLB	15.5		UNAS	SAG 7

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1532	0.0	0.0M	9.65 D	9.650	18.34 D	1408	1408	1468.1C	0	0	13473
1532	5.0	5.0M	8.86 D								
1532	9.9	10.0M	7.63 D	7.629	22.46 D	1753	1753	1465.5C	118	6	10124
1532	14.9	15.0M	7.54 D								
1532	19.8	20.0M	7.03 D	7.028	27.44 D	2150	2150	1469.6C	200	18	6309
1532	24.8	25.0M	5.73 D								
1532	29.8	30.0M	5.54 D	5.538	28.00 D	2211	2211	1464.4C	260	33	5727
1532	39.7	40.0M	5.19 D								
1532	49.6	50.0M	4.79 D	4.787	28.50 D	2258	2258	1462.3C	370	78	5277
1532	59.5	60.0M	4.34 D								
1532	69.4	70.0M	4.17 D								
1532	79.4	80.0M	4.19 D								
1532	89.3	90.0M	4.01 D								
1532	99.2	100.0M	4.02 D	4.014	29.00 D	2305	2305	1460.5C	620	268	4830
1532	124.0	125.0M	3.77 D	3.762	29.13 D	2317	2317	1460.0C	739	404	4711
1532	148.8	150.0M	3.69 D	3.681	29.24 D	2327	2327	1460.2C	856	568	4621
1532	173.6	175.0M	3.72 D								
1532	198.4	200.0M	3.81 D	3.798	29.47 D	2344	2344	1461.9C	1083	974	4459
1532	223.1	225.0M	3.72 D	3.706	29.73 D	2365	2365	1462.2C	1192	1210	4256

DEPTH	PRESS	DOY
0.0	0.0M	662
5.0	5.0M	
9.9	10.0M	667
14.9	15.0M	
19.8	20.0M	683
24.8	25.0M	
29.8	30.0M	683
39.7	40.0M	
49.6	50.0M	672
59.5	60.0M	
69.4	70.0M	
79.4	80.0M	
89.3	90.0M	
99.2	100.0M	673
124.0	125.0M	668
148.8	150.0M	668
173.6	175.0M	
198.4	200.0M	673
223.1	225.0M	668

CRUISE NUMBER 68033

STATION NUMBER 180

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.650	9.650	18.340	1408	1408	1468.1	0	0	13473
	9.9	10.0	7.630	7.629	22.460	1753	1753	1465.5	118	6	10124
	19.8	20.0	7.030	7.028	27.440	2150	2150	1469.6	200	18	6309
	29.8	30.0	5.540	5.538	28.000	2211	2211	1464.4	260	33	5727
	49.6	50.0	4.790	4.787	28.500	2258	2258	1462.3	370	78	5277
	74.4	75.0	4.179D	4.322	28.750W	2288	2288	1461.2A	499	159	4991
	99.2	100.0	4.020	4.014	29.000	2305	2305	1460.5	620	268	4830
	124.0	125.0	3.770	3.762	29.130	2317	2317	1460.0	739	404	4711
	148.8	150.0	3.690	3.681	29.240	2327	2327	1460.2	856	568	4621
	173.6	175.0	3.720	3.737	29.352C	2336	2336	1461.1A	971	759	4538
	198.4	200.0	3.810	3.798	29.470	2344	2344	1461.9	1083	974	4459
	223.1	225.0	3.720	3.706	29.730	2365	2365	1462.2	1192	1210	4256

DEPTH	PRESS	OXY
0.0	0.0	662
9.9	10.0	667
19.8	20.0	683
29.8	30.0	683
49.6	50.0	672
74.4	75.0	674A
99.2	100.0	673
124.0	125.0	668
148.8	150.0	668
173.6	175.0	671W
198.4	200.0	673
223.1	225.0	668

CRUISE NUMBER 68033 STATION NUMBER 181

LAT	N48	7.40	YEAR	1968	WAVE-P/H	WIND-DIR	250	WW	01	COUN	18	
LONG	W 69	41.10	MONTH	6	SWEL-P/H	WIND-SPD	03	CLD-A	5	INST	10	
DEPTH		34.0	DAY	30	SWEL-D	AIR-TEM	19.5			RESTR		
MARSD SQ	151		H/M	1634	BARO	1007.0	WET-BLB	15.0			UNAS SAG	8

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1634	0.0	0.0M	9.50 D	9.500	20.47 D	1575	1575	1470.2C	0	0	11849
1634	5.0	5.0M	7.97 D	7.970	23.45 D	1827	1827	1468.0C	53	1	9417
1634	9.9	10.0M	6.87 D	6.869	26.27 D	2060	2060	1467.3C	95	4	7169
1634	14.9	15.0M	6.76 D	6.759	26.51 D	2080	2080	1467.3C	130	9	6976
1634	19.8	20.0M	6.40 D	6.398	29.95 D	2355	2355	1470.4C	158	14	4353
1634	24.8	25.0M	5.61 D	5.608	27.88 D	2201	2201	1464.5C	184	20	5823

DEPTH	PRESS	OXY
0.0	0.0M	670
5.0	5.0M	683
9.9	10.0M	684
14.9	15.0M	685
19.8	20.0M	686
24.8	25.0M	683

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.500	9.500	20.470	1575	1575	1470.2	0	0	11849
	9.9	10.0	6.870	6.869	26.270	2060	2060	1467.3	95	4	7169
	19.8	20.0	6.400	6.398	29.950	2355	2355	1470.4	158	14	4353

DEPTH	PRESS	OXY
0.0	0.0	670
9.9	10.0	684
19.8	20.0	686

CRUISE NUMBER 68033

STATION NUMBER 182

LAT	N48	9.90	YEAR	1968	WAVE-P/H		WIND-DIR	180	WW	02	COUN	18
LONG	W 69	39.90	MONTH	6	SWEL-P/H		WIND-SPD	03	CLD-A	5	INST	10
DEPTH		142.0	DAY	30	SWEL-D		AIR-TEM	15.4			RESTR	
MARSD	SQ	151	H/M	1735	BARO	1007.0	WET-BLB	13.1			UNAS	SAG 9

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1735	0.0	0.0M	10.62 D	10.620	25.87 D	1978	1978	1481.1C	0	0	7964
1735	5.0	5.0M	10.40 D								
1735	9.9	10.0M	7.38 D	7.379	27.58 D	2157	2157	1471.0C	71	3	6245
1735	14.9	15.0M	6.25 D								
1735	19.8	20.0M	4.65 D	4.649	29.33 D	2325	2325	1462.3C	125	12	4636
1735	24.8	25.0M	3.15 D								
1735	29.8	30.0M	2.12 D	2.119	30.41 D	2432	2432	1453.0C	166	22	3616
1735	39.7	40.0M	1.65 D								
1735	49.6	50.0M	1.33 D	1.328	31.15 D	2496	2496	1450.8C	232	49	3005
1735	59.5	60.0M	0.83 D								
1735	69.4	70.0M	0.43 D								
1735	79.4	80.0M	0.32 D								
1735	89.3	90.0M	0.00 D								
1735	99.2	100.0M	-0.10 D	-0.102	32.53 D	2614	2614	1447.0C	354	139	1877
1735	124.0	125.0M	1.25 D								

DEPTH	PRESS	OXY
0.0	0.0M	708
5.0	5.0M	
9.9	10.0M	697
14.9	15.0M	
19.8	20.0M	675
24.8	25.0M	
29.8	30.0M	665
39.7	40.0M	
49.6	50.0M	660
59.5	60.0M	
69.4	70.0M	
79.4	80.0M	
89.3	90.0M	
99.2	100.0M	654
124.0	125.0M	

CRUISE NUMBER 68033

STATION NUMBER 182

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.620	10.620	25.870	1978	1978	1481.1	0	0	7964
	9.9	10.0	7.380	7.379	27.580	2157	2157	1471.0	71	3	6245
	19.8	20.0	4.650	4.649	29.330	2325	2325	1462.3	125	12	4636
	29.8	30.0	2.120	2.119	30.410	2432	2432	1453.0	166	22	3616
	49.6	50.0	1.330	1.328	31.150	2496	2496	1450.8	232	49	3005
	74.4	75.0	0.3850	0.613	31.840W	2555	2555	1448.9W	293	94	2441
	99.2	100.0	-0.099	-0.101	32.530	2614	2614	1447.0	354	139	1877
	124.0	125.0	1.250								

DEPTH	PRESS	OXY
0.0	0.0	708
9.9	10.0	697
19.8	20.0	675
29.8	30.0	665
49.6	50.0	660
74.4	75.0	657W
99.2	100.0	654

CRUISE NUMBER 68033 STATION NUMBER 183

LAT	N48 16.10	YEAR	1968	WAVE-P/H	WIND-DIR	190	WW	02	COUN	18
LONG W	69 24.10	MONTH	6	SWEL-P/H	WIND-SPD	05	CLD-A	7	INST	10
DEPTH	330.0	DAY	30	SWEL-D	AIR-TEM	16.5			RESTR	
MARSD SQ	151	H/M	1848	BARO	1006.5	WET-BLB	14.0		UNAS	SAG10

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEDA	CHI	SVA
1848	0.0	0.0M	10.36 D	10.360	26.39 D	2022	2022	1480.8C	0	0	7538
1848	5.0	5.0M	9.87 D								
1848	9.9	10.0M	9.32 D	9.319	26.49 D	2045	2045	1477.2C	74	4	7313
1848	14.9	15.0M	5.61 D								
1848	19.8	20.0M	2.86 D	2.859	29.18 D	2328	2328	1454.4C	134	13	4602
1848	24.8	25.0M	2.02 D								
1848	29.8	30.0M	1.90 D	1.899	30.47 D	2438	2438	1452.1C	175	23	3556
1848	39.7	40.0M	1.04 D								
1848	49.6	50.0M	0.89 D	0.888	31.49 D	2526	2526	1449.3C	237	48	2721
1848	59.5	60.0M	0.55 D								
1848	69.4	70.0M	0.36 D								
1848	79.4	80.0M	-0.26 D								
1848	89.3	90.0M	-0.38 D								
1848	99.2	100.0M	-0.37 D	-0.372	32.44 D	2608	2608	1445.7C	349	131	1935
1848	124.0	125.0M	-0.21 D	-0.213	32.61 D	2621	2621	1447.0C	395	185	1811
1848	148.8	150.0M	1.07 D	1.063	33.18 D	2660	2660	1454.1C	436	242	1445
1848	173.6	175.0M	1.80 D								
1848	198.4	200.0M	2.51 D	2.498	33.82 D	2701	2701	1462.1C	498	351	1068
1848	247.9	250.0M	3.36 D	3.344	34.22 D	2725	2725	1467.2C	545	459	847
1848	297.5	300.0M	3.74 D	3.719	34.35 D	2732	2732	1469.8C	586	572	791
1848	317.3	320.0M	3.74 D	3.718	34.35 D	2732	2732	1470.1C	602	622	793

DEPTH	PRESS	OXY
0.0	0.0M	715
5.0	5.0M	
9.9	10.0M	723
14.9	15.0M	
19.8	20.0M	667
24.8	25.0M	
29.8	30.0M	647
39.7	40.0M	
49.6	50.0M	678
59.5	60.0M	
69.4	70.0M	
79.4	80.0M	
89.3	90.0M	
99.2	100.0M	713
124.0	125.0M	626
148.8	150.0M	519
173.6	175.0M	
198.4	200.0M	364
247.9	250.0M	265
297.5	300.0M	263

CRUISE NUMBER 68033

STATION NUMBER 183

DEPTH	PRESS	OXY
317.3	320.0M	262

INTERPOLATED

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SYA
	0.0	0.0	10.360	10.360	26.390	2022	2022	1480.8	0	0	7538
	9.9	10.0	9.320	9.319	26.490	2045	2045	1477.2	74	4	7313
	19.8	20.0	2.860	2.859	29.180	2328	2328	1454.4	134	13	4602
	29.8	30.0	1.900	1.899	30.470	2438	2438	1452.1	175	23	3556
	49.6	50.0	0.890	0.888	31.490	2526	2526	1449.3	237	48	2721
	74.4	75.0	0.059E	0.010	31.965W	2584	2584	1446.5A	299	86	2166
	99.2	100.0	-0.369	-0.371	32.440	2608	2608	1445.7	349	131	1935
	124.0	125.0	-0.209	-0.212	32.610	2621	2621	1447.0	395	185	1811
	148.8	150.0	1.070	1.063	33.180	2660	2660	1454.1	436	242	1445
	173.6	175.0	1.800	1.956	33.572D	2686	2686	1459.0A	470	297	1209
	198.4	200.0	2.510	2.498	33.820	2701	2701	1462.1	498	351	1068
	223.1	225.0	3.018D	2.988	34.052A	2715	2715	1465.0A	523	405	937
	247.9	250.0	3.360	3.344	34.220	2725	2725	1467.2	545	459	847
	297.5	300.0	3.740	3.719	34.350	2732	2732	1469.8	586	572	791

DEPTH	PRESS	OXY
0.0	0.0	715
9.9	10.0	723
19.8	20.0	667
29.8	30.0	647
49.6	50.0	678
74.4	75.0	708C
99.2	100.0	713
124.0	125.0	626
148.8	150.0	519
173.6	175.0	433A
198.4	200.0	364
223.1	225.0	304A
247.9	250.0	265
297.5	300.0	263

PART II

by

MV "Brandal"

(CODC Reference 10-68-036)

DEPARTMENT OF ENERGY, MINES AND RESOURCES
and
FISHERIES RESEARCH BOARD OF CANADA

GULF OF ST. LAWRENCE

Ship:	MV "Brandal"
Local cruise designation:	BI 3668
CODC cruise reference no:	10-68-036
Cruise period:	June 16-July 1, 1968
Scientist-in-Charge:	D.D. Sameoto
Observers:	T. Lambert K. MacKay G.B. Taylor

ATLANTIC OCEANOGRAPHIC LABORATORY
and
MARINE ECOLOGY LABORATORY
Bedford Institute, Dartmouth, N.S.

SECTION I

Description of data collection procedures



INTRODUCTION

Phase 1, 16-26 June. Sixty-three physical oceanographic and biological stations were taken in the Gulf of St. Lawrence, of which thirty-four physical oceanographic bottle stations are reported here.

The main purpose of this phase was to work in cooperation with the "Dawson" within the predetermined grid already illustrated to locate gyre circulation patterns.

Phase 2, 27 June-1 July. Plankton samples were taken in and near St. Margaret's Bay. No data from this phase are reported here.

EXTRACT OF CRUISE LOG

Depart Dartmouth, N.S. - 16 June, 1968
Return Dartmouth, N.S. - 1 July, 1968

OBSERVATIONAL PROCEDURES

Standard Nansen bottle casts were taken at the 34 physical oceanographic stations in Phase 1. Salinities were determined after the cruise, with an Auto-Lab salinometer at the Bedford Institute.

PERSONNEL

At sea:

Dr. D.D. Sameoto	Scientist-in-charge, FRB
T. Lambert	FRB
K. MacKay	FRB
G. Taylor	FRB
A. Piva	Oceanographic Research, MSB, Ottawa
J. Taylor	Oceanographic Research, MSB, Ottawa

Data Analyses at Bedford Institute

Compilation of data:	G. Taylor F. Keyte
Salinity determinations:	G. Warshick

SECTION II

Description of the machine-generated data record

SEE SECTION II OF PART I

SECTION III

Serial Oceanographic data

GENERAL INFORMATION ON THE CRUISE

CODC Cruise Identification (country, inst., crn.): . . . 1810-68036
 Originating Institute: . . . Atlantic Oceanographic Laboratory, Bedford Institute
 Originator's Cruise Number (if applicable): . . . BI-3668
 Area: Gulf of St. Lawrence
 Observation Platform MV BRANDAL
 Period 17 - 26 June 1968

PARAMETERS MEASURED

1 Temperature	9
2 Salinity	10
3 Oxygen	11
4	12
5	13
6	14
7	15
8	16

METHODS USED

Sea Surface Temperature

☐ Same as Subsurface
☒ Bucket
☐ Water Intake
☐ Tow Frame

Oxygen

☒ Winkler
☐ In Situ Probe

Sub Surface Temperature

☒ Reversing Thermometer
☐ Thermal Probe

Salinity

☐ Titration
☒ Conductance
☐ Inductance
☐ Refrac. Index
☐ In Situ Probe
☐ Hydrometer

Anemometer Height in M Above Sea Level: —

Sounding Corrections Applied

☐ Soundspeed of 1463 m/sec
☐ Soundspeed of 1500 m/sec
☐ Matthews Tables
☐ Measured or Calculated In Situ
 Soundspeed Profile

Air Pressure

☐ Barometer Reading Uncorrected
☐ Corrected for Barometer Height
☐ Corrected For Bar. Height and
 Outside Air Temperature

INTERPOLATION

Interpolation Technique

☐ Rattray
☒ Reiniger and Ross

Interpolation to "Standard" Levels of:

☐ Depth
☒ Pressure

CRUISE NUMBER 68036

STATION NUMBER 001

LAT	N47	6.00	YEAR	1968	WAVE-P/H	WIND-DIR	WW	COUN	18
LONG	W 62	24.00	MONTH	6	SWEL-P/H	WIND-SPD	CLD-A	INST	10
DEPTH		60.0	DAY	17	SWEL-D	AIR-TEM		RESTR	
MARSD	SQ	151	H/M	2345	BARO	WET-BLB	11.5	UNAS	001

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2345	0.0	0.0C	11.9 G	11.900	30.335B	2301	2301	1491.3C	0	0	4861
2345	5.0	5.0C	9.95 D	9.949	30.685B	2362	2362	1484.8C	23	1	4282
2345	10.0	10.1C	7.35 D	7.349	30.816B	2411	2411	1475.1C	44	2	3819
2345	15.0	15.1C	4.94 D	4.939	31.140B	2465	2465	1465.9C	61	4	3301
2345	20.0	20.2C	2.93 D	2.929	31.316B	2498	2498	1457.6C	77	7	2988
2345	30.0	30.2C	-0.29 D	-0.290	31.660B	2545	2545	1443.8C	105	14	2538
2345	50.0	50.4C	-1.27 D	-1.270	31.894B	2567	2567	1439.9C	153	34	2327
2345	55.0	55.4C	-1.28 D	-1.280	31.918B	2569	2569	1439.9C	165	40	2308

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.900	11.900	30.335	2301	2301	1491.3	0	0	4861
	9.9	10.0	7.400A	7.399	30.811A	2410	2410	1475.3A	44	2	3829
	19.8	20.0	3.001A	3.000	31.309A	2497	2497	1457.9A	76	7	2999
	29.8	30.0	-0.239B	-0.239	31.654A	2544	2544	1444.0A	104	14	2545
	49.6	50.0	-1.269D	-1.269	31.892A	2567	2567	1440.0W	152	34	2328

DEPTH	PRESS	OXY
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CRUISE NUMBER 68036

STATION NUMBER 002

DEPTH	PRESS	OXY
0.0	0.0	725
9.9	10.0	746W
19.8	20.0	713A
29.8	30.0	724A
49.6	50.0	733A
74.4	75.0	692W

CRUISE NUMBER 68036 STATION NUMBER 003

LAT	N48 25.80	YEAR	1968	WAVE-P/H	WIND-DIR	WW	COUN	1A
LONG	W 63 8.90	MONTH	6	SWEL-P/H	WIND-SPD	CLD-A	INST	10
DEPTH	60.0	DAY	18	SWEL-D	AIR-TEM		RESTR	
MARSD SQ	151	H/M	1420	BARO	WET-BLB		UNAS	003

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GE DA	CHI	SVA
1420	0.0	0.0C	9.8 G	9.800	28.874B	2224	2224	1481.8C	0	0	5606
1420	5.0	5.0C	8.75 D	8.749	30.609B	2375	2375	1480.2C	24	1	4161
1420	10.0	10.1C	8.37 D	8.369	31.043B	2414	2414	1479.4C	44	2	3785
1420	15.0	15.1C	7.91 D	7.909	31.147B	2429	2429	1477.8C	63	4	3646
1420	20.0	20.2C	6.40 D	6.398	31.579B	2483	2483	1472.5C	80	8	3133
1420	30.0	30.2C	0.79 D	0.789	31.867B	2556	2556	1449.0C	108	15	2429
1420	40.0	40.3C	-0.26 D	-0.260	32.064B	2577	2577	1444.7C	131	23	2230
1420	50.0	50.4C	-0.44 D	-0.440	32.240B	2592	2592	1444.2C	153	33	2088
1420	55.0	55.4C	-0.46 D	-0.461	32.270B	2595	2595	1444.3C	163	39	2064

DEPTH	PRESS	OXY
0.0	0.0C	687
5.0	5.0C	700
10.0	10.1C	701
15.0	15.1C	717
20.0	20.2C	734
30.0	30.2C	809
40.0	40.3C	768
50.0	50.4C	718
55.0	55.4C	687

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GE DA	CHI	SVA
	0.0	0.0	9.800	9.800	28.874	2224	2224	1481.8	0	0	5606
	9.9	10.0	8.378A	8.377	31.038A	2413	2413	1479.4A	44	2	3790
	19.8	20.0	6.478A	6.476	31.564B	2481	2481	1472.8A	79	8	3152
	29.8	30.0	0.858C	0.857	31.862A	2555	2555	1449.3A	107	15	2439
	49.6	50.0	-0.436A	-0.436	32.236A	2592	2592	1444.2A	152	33	2092

CRUISE NUMBER 68036

STATION NUMBER 003

DEPTH	PRESS	OXY
0.0	0.0	687
9.9	10.0	701A
19.8	20.0	733A
29.8	30.0	809A
49.6	50.0	720A

CRUISE NUMBER 68036 STATION NUMBER 004

LAT	N48 25.80	YEAR	1968	WAVE-P/H	WIND-DIR	WW	COUN	18
LONG W	62 39.20	MONTH	6	SWEL-P/H	WIND-SPD	CLD-A	INST	10
DEPTH	329.0	DAY	18	SWEL-D	AIR-TEM		RESTR	
MARSD SQ	151	H/M	2140	BARO	WET-BLB		UNAS	004

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	CHI	SVA
2140	0.0	0.0C	9.8 G	9.800	31.633B	2438	2438	1485.3C		3556
2140	5.0	5.0C	9.52 D	9.519	30.629B	2364	2364	1483.1C		4259
2140	10.0	10.1C	9.49 D	9.489	30.616B	2364	2364	1483.1C		4265
2140	15.0	15.1C	7.88 D	7.879	31.480B	2455	2455	1478.1C		3393
2140	20.0	20.2C	6.36 D	6.358	31.647B	2489	2489	1472.4C		3077
2140	30.0	30.2C	0.34 D	0.339	31.917B	2563	2563	1447.1C	104	2369
2140	39.0	39.3C	-0.15 D	-0.150	32.049B	2576	2576	1445.1C	125	2246
2140	49.0	49.4C	-0.59 D	-0.590	32.191B	2589	2589	1443.5C	147	1813
2140	74.0	74.6C	-0.32 D	-0.321	32.536B	2616	2616	1445.6C	197	1865
2140	98.0	98.8C	0.42 D	0.416	32.878B	2640	2640	1449.9C	240	1637
2140	148.0	149.2C	2.47 D	2.462	33.549B	2680	2680	1450.8C	313	1266

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	CHI	SVA
	0.0	0.0	9.800	9.800	31.633	2438	2438	1485.3	0	3556
	9.9	10.0	9.504B	9.503	30.607A	2364	2364	1483.1W	42	4273
	19.8	20.0	6.431C	6.429	31.641A	2488	2488	1472.7W	76	3090
	29.8	30.0	0.408D	0.407	31.913A	2562	2562	1447.4A	108	2378
	49.6	50.0	-0.600C	-0.600	32.199A	2590	2590	1443.5A	148	2112
	74.4	75.0	-0.310A	-0.311	32.542A	2616	2616	1445.7A	198	1861
	99.2	100.0	0.469W	0.465	32.894W	2641	2641	1450.2W	242	1628
	124.0	125.0	1.486W	1.480	33.227W	2661	2661	1455.6W	278	1444
	148.8	150.0	2.503W	2.494	33.560W	2681	2681	1461.0W	314	1260

DEPTH	PRESS	OXY
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CRUISE NUMBER 68036 STATION NUMBER 005

LAT	N48 15.80	YEAR	1968	WAVE-P/H	WIND-DIR	WW	COUN	18
LONG	W 63 24.40	MONTH	6	SWEL-P/H	WIND-SPD	CLD-A	INST	10
DEPTH	53.0	DAY	19	SWEL-D	AIR-TEM		RESTR	
MARSD SQ	151	H/M	0040	BARO	WET-BLB		UNAS	005

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0040	0.0	0.0C	9.6 G	9.600	30.203B	2330	2330	1482.8C	0	0	4587
0040	5.0	5.0C	9.54 D	9.539	30.203B	2331	2331	1482.6C	23	1	4578
0040	9.0	9.1C	9.36 D	9.359	30.430B	2351	2351	1482.3C	41	2	4383
0040	14.0	14.1C	8.32 D	8.319	30.960B	2408	2408	1479.1C	62	4	3842
0040	19.0	19.1C	5.55 D	5.549	31.188B	2462	2462	1468.5C	80	7	3330
0040	28.0	28.2C	0.02 D	0.019	31.761B	2552	2552	1445.3C	106	14	2474
0040	38.0	38.3C	-0.47 D	-0.470	32.059B	2578	2578	1443.7C	130	21	2226
0040	47.0	47.4C	-0.51 D	-0.510	32.284B	2596	2596	1443.9C	149	30	2052

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.600	9.600	30.203	2330	2330	1482.8	0	0	4587
	9.9	10.0	9.253D	9.252	30.507C	2361	2361	1482.0A	45	2	4286
	19.9	20.0	5.027E	5.026	31.237B	2471	2471	1466.4A	83	8	3240
	29.8	30.0	-0.287G	-0.287	31.837C	2560	2560	1444.1C	111	15	2403

DEPTH	PRESS	OXY
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CRUISE NUMBER 68036

STATION NUMBER 006

LAT	N48 15.80	YEAR	1968	WAVE-P/H	WIND-DIR	WW	CGUN	18
LONG W	52 54.10	MONTH	6	SWEL-P/H	WIND-SPD	CLD-A	INST	10
DEPTH	78.0	DAY	19	WET-TEM	AIR-TEM		RESTR	
WAVE-D	50 151	H/M	1356	BARO	WET-HLB		UNAS	006

OBSERVATIONS

SMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	CTD-A	CHI	SVA
1356	0.0	0.00	8.1 G	8.100	30.523B	2377	2377	1477.50			4136
1356	5.0	5.00	7.83 D	7.830	30.457B	2376	2376	1476.40			4149
1356	10.0	10.10	7.53 D	7.529	30.861B	2412	2412	1475.90			3909
1356	15.0	15.10	7.50 D	7.499	30.887B	2414	2414	1475.90			3786
1356	20.0	20.10	3.86 D	3.859	31.166B	2478	2478	1461.40			3179
1356	29.0	29.10	0.79 D	0.789	31.758B	2548	2548	1448.90	103		2512
1356	39.0	39.30	-0.53 D	-0.580	32.107B	2582	2582	1443.20	127		2185
1356	49.0	49.40	-0.55 D	-0.550	32.267B	2593	2593	1443.70	148		2081
1356	69.0	69.10	-0.19 D	-0.191	32.184B	2619	2619	1446.20	188		1834

INTERPOLATED

SMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	CTD-A	CHI	SVA
	0.0	0.0	8.100	8.100	30.523	2377	2377	1477.5			4136
	9.9	10.0	7.534A	7.533	30.867A	2412	2412	1475.9W			3911
	19.8	20.0	3.985D	3.984	31.154A	2476	2476	1462.0W			3201
	29.8	30.0	0.608C	0.607	31.797A	2552	2552	1448.1A	108	15	2471
	49.6	50.0	-0.538W	-0.538	32.263W	2594	2594	1443.7W	149	33	2074

DEPTH	PRESS	OXY
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CRUISE NUMBER 68036

STATION NUMBER 007

LAT	N48 15.80	YEAR	1968	WAVE-P/H	WIND-DIR	WW	COUN	18
LONG	W 62 23.80	MONTH	6	SWEL-P/H	WIND-SPD	CLD-A	INST	10
DEPTH	86.0	DAY	19	SWEL-D	AIR-TEM	15.0	RESTR	
MARSD SQ	151	H/M	1657	BARO	WET-BLB	13.5	UNAS	007

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GECA	CHI	SVA
1657	0.0	0.0C	10.6 G	10.600	29.095B	2228	2228	1485.1C	8	8	5564
1657	5.0	5.0C	10.13 D	10.129	29.089B	2235	2235	1483.4C	28	8	5498
1657	9.0	9.1C	9.90 D	9.899	29.120B	2241	2241	1482.7C	48	8	5437
1657	14.0	14.1C	9.79 D	9.788	29.116B	2243	2243	1482.3C	77	8	5428
1657	19.0	19.1C	9.14 D	9.138	29.232B	2262	2262	1480.1C	104	10	5244
1657	28.0	28.2C	3.82 D	3.818	31.864B	2462	2462	1461.1C	183	19	3328
1657	38.0	38.3C	0.52 D	0.519	31.607B	2537	2537	1447.6C	170	18	2613
1657	47.0	47.4C	-0.38 D	-0.380	31.996B	2572	2572	1444.1C	156	18	2276
1657	71.0	71.6C	-0.29 D	-0.291	32.461B	2609	2609	1445.6C	142	18	1922
1657	77.0	77.6C	-0.15 D	-0.151	32.555B	2616	2616	1446.5C	139	18	1858

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GECA	CHI	SVA
	0.0	0.0	10.600	10.600	29.095	2228	2228	1485.1	8	8	5564
	9.9	10.0	9.867B	9.866	29.123A	2242	2242	1482.6A	55	8	5430
	19.9	20.0	8.773F	8.771	29.403W	2275	2275	1478.8B	108	11	5121
	29.8	30.0	3.041C	3.039	31.175C	2485	2485	1466.5C	186	21	3107
	49.6	50.0	-0.525E	-0.525	32.080C	2579	2579	1448.0A	171	18	2208
	74.4	75.0	-0.210W	-0.211	32.514W	2613	2613	1446.1W	131	19	1886

DEPTH	PRESS	OPY
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CRUISE NUMBER 68036 STATION NUMBER 008

LAT	N48 15.80	YEAR	1968	WAVE-P/H	WIND-DIR	WW	COUN	18
LONG	W 63 53.50	MONTH	6	SWEL-P/H	WIND-SPD	CLD-A	INST	10
DEPTH	78.0	DAY	19	SWEL-D	AIR-TEM		RESTR	
MARSD	SJ 151	H/M	2012	BARO	WET-GLB	14.2	UNAS	008

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2012	0.0	0.0C	10.5 G	10.500	28.701B	2199	2199	1484.2C	0	0	5840
2012	5.0	5.0C	9.01 D	9.009	28.905B	2238	2238	1479.0C	25	1	5468
2012	10.0	10.1C	8.75 D	8.749	28.976B	2247	2247	1478.2C	56	3	5379
2012	15.0	15.1C	9.14 D	9.138	29.429B	2277	2277	1480.3C	82	6	5097
2012	20.0	20.2C	9.06 D	9.058	29.636B	2294	2294	1480.4C	108	11	4932
2012	30.0	30.2C	6.77 D	6.767	29.966B	2351	2351	1472.0C	154	23	4386
2012	40.0	40.3C	1.40 D	1.398	30.004B	2404	2404	1449.4C	196	38	3882
2012	50.0	50.4C	0.61 D	0.608	31.117B	2497	2497	1447.5C	231	54	2991
2012	74.0	74.6C	4.13 D	4.125	31.558B	2506	2506	1464.0C	302	99	2911

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.500	10.500	28.701	2199	2199	1484.2	0	0	5840
	9.9	10.0	8.749A	8.748	28.971A	2247	2247	1478.2A	55	3	5383
	19.8	20.0	9.075A	9.073	29.629A	2293	2293	1480.4A	107	11	4939
	29.8	30.0	6.845A	6.842	29.962A	2350	2350	1472.3A	153	23	4396
	49.8	50.0	0.596D	0.594	31.078C	2494	2494	1447.4A	230	53	3020
	74.4	75.0	4.188W	4.183	31.565W	2506	2506	1464.3W	303	100	2910

DEPTH	PRESS	OXY
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CRUISE NUMBER 68036

STATION NUMBER 009

LAT	N48	5.80	YEAR	1968	WAVE-P/H	WIND-DIR	WW	COUN	18
LONG	W 63	38.60	MONTH	6	SWEL-P/H	WIND-SPD	CLD-A	INST	10
DEPTH		89.0	DAY	19	SWEL-D	AIR-TEM		RESTR	
MARSD	SQ	151	H/M	2259	BARO	WET-BLB		UNAS	009

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEQA	CHI	SVA
2259	0.0	0.0C	10.9 G	10.900	28.798B	2200	2200	1485.8C	0	0	5832
2259	5.0	5.0C	10.44 D	10.439	28.809B	2208	2208	1484.2C	29	1	5751
2259	10.0	10.1C	10.11 D	10.109	28.816B	2214	2214	1483.1C	58	1	5696
2259	15.0	15.1C	10.09 D	10.088	28.824B	2215	2215	1487.1C	67	7	5687
2259	20.0	20.2C	8.19 D	8.188	29.187B	2272	2272	1476.4C	114	12	5147
2259	30.0	30.2C	4.97 D	4.968	30.679B	2428	2428	1455.6C	159	23	3651
2259	40.0	40.3C	1.68 D	1.678	31.340B	2509	2509	1452.5C	171	34	2881
2259	50.0	50.4C	0.19 D	0.188	31.767B	2551	2551	1446.9C	214	47	2476
2259	75.0	75.6C	-0.10 D	-0.101	32.589B	2619	2619	1446.7C	271	81	1834
2259	85.0	85.7C	0.11 D	0.107	32.715B	2628	2628	1448.0C	289	85	1746

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEQA	CHI	SVA
	0.0	0.0	10.900	10.900	28.798	2200	2200	1485.8	0	0	5832
	9.9	10.0	10.114A	10.113	28.816A	2214	2214	1483.1W	57	1	5697
	19.8	20.0	8.263C	8.261	29.167A	2269	2269	1476.7W	117	12	5173
	29.8	30.0	5.035A	5.033	30.657A	2426	2426	1455.8W	157	21	3674
	49.6	50.0	0.221C	0.219	31.752A	2550	2550	1446.6A	217	34	2480
	74.4	75.0	-0.109C	-0.110	32.576A	2618	2618	1446.6A	270	80	1843

DEPTH	PRESS	OPY
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CRUISE NUMBER 68036 STATION NUMBER 010

LAT	N48	5.80	YEAR	1968	WAVE-P/H	WIND-DIR	WW	COUN	18
LONG	W 63	8.90	MONTH	6	SWEL-P/H	WIND-SPD	CLD-A	INST	10
DEPTH		64.0	DAY	20	SWEL-D	AIR-TEM	12.5	RESTR	
MARSD SQ	151		H/M	0135	BARO	WET-BLB	11.5	UNAS	010

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0135	0.0	0.0C	10.7 G	10.700	28.936B	2214	2214	1485.2C	0	0	5698
0135	5.0	5.0C	10.46 D	10.459	28.922B	2217	2217	1484.4C	28	1	5670
0135	10.0	10.1C	9.77 D	9.769	28.873B	2224	2224	1481.9C	57	3	5602
0135	15.0	15.1C	9.70 D	9.698	28.869B	2225	2225	1481.7C	85	7	5595
0135	20.0	20.2C	9.13 D	9.128	29.019B	2245	2245	1479.8C	113	12	5401
0135	30.0	30.2C	5.20 D	5.198	30.417B	2405	2405	1466.2C	160	23	3872
0135	40.0	40.3C	1.65 D	1.648	31.020B	2484	2484	1451.9C	195	36	3123
0135	50.0	50.4C	-0.16 D	-0.160	31.550B	2535	2535	1444.6C	224	49	2627
0135	60.0	60.5C	-0.70 D	-0.700	31.940B	2569	2569	1442.8C	248	63	2307

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.700	10.700	28.936	2214	2214	1485.2	0	0	5698
	9.9	10.0	9.778A	9.777	28.874A	2224	2224	1481.9A	56	3	5603
	19.8	20.0	9.167B	9.165	29.007A	2244	2244	1479.9A	112	12	5415
	29.8	30.0	5.275A	5.273	30.397A	2403	2403	1466.5A	159	23	3895
	49.6	50.0	-0.113B	-0.113	31.531A	2533	2533	1444.8A	223	48	2643

DEPTH	PRESS	OXY
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CRUISE NUMBER 68036 STATION NUMBER 011

LAT	N48	5.80	YEAR	1968	WAVE-P/H	WIND-DIR	WW	COUN	18
LONG	W 62	39.20	MONTH	6	SWEL-P/H	WIND-SPD	CLD-A	INST	10
DEPTH		91.0	DAY	20	SWEL-D	AIR-TEM		RESTR	
MARSD SQ		151	H/M	0421	BARO	WET-BLB		UNAS	011

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0421	0.0	0.0C	9.8 G	9.800	29.801B	2296	2296	1483.0C	0	0	4996
0421	5.0	5.0C	9.57 D	9.569	29.779B	2298	2298	1482.2C	25	1	4880
0421	10.0	10.1C	9.10 D	9.099	29.792B	2306	2306	1480.5C	49	3	4820
0421	15.0	15.1C	9.08 D	9.078	29.860B	2311	2311	1480.6C	73	6	4768
0421	20.0	20.2C	6.00 D	5.998	30.610B	2411	2411	1469.6C	95	10	3817
0421	30.0	30.2C	1.29 D	1.289	31.483B	2523	2523	1450.8C	128	18	2740
0421	39.0	39.3C	-0.44 D	-0.440	31.986B	2572	2572	1443.7C	150	26	2282
0421	49.0	49.4C	-0.54 D	-0.540	32.281B	2596	2596	1443.8C	172	36	2082
0421	74.0	74.6C	-0.21 D	-0.211	32.563B	2617	2617	1446.2C	221	66	1888
0421	84.0	84.7C	0.12 D	0.117	32.746B	2631	2631	1448.1C	239	81	1734

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.800	9.800	29.801	2296	2296	1483.0	0	0	4916
	9.9	10.0	9.105A	9.104	29.791A	2306	2306	1480.5A	49	3	4821
	19.8	20.0	6.116D	6.114	30.583B	2407	2407	1470.0A	94	10	3847
	29.8	30.0	1.356A	1.355	31.469A	2521	2521	1451.1A	127	18	2765
	49.6	50.0	-0.540A	-0.540	32.293B	2597	2597	1443.8A	173	37	2043
	74.4	75.0	-0.196W	-0.197	32.570W	2618	2618	1446.3W	222	67	1843

DEPTH	PRESS	OXY
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CRUISE NUMBER 68036

STATION NUMBER 012

LAT	N47 55.80	YEAR	1968	WAVE-P/H	WIND-DIR	WW	COUN	18
LONG	W 52 24.40	MONTH	6	SWEL-P/H	WIND-SPD	CLD-A	INST	10
	80.0	DAY	20	SWEL-D	AIR-TEM		RESTR	
	151	H/M	0725	BARO	WET-RLS		UNAS	012

O B S E R V E D

MT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
725	0.0	0.0C	9.3 G	9.300	30.322B	2344	2344	1481.8C	0	0	4454
730	5.0	5.0C	9.21 D	9.209	29.275B	2264	2264	1480.2C	24	1	5220
735	10.0	10.1C	9.14 D	9.139	30.229B	2339	2339	1481.3C	49	3	4501
740	15.0	15.1C	8.70 D	8.698	30.554B	2371	2371	1480.1C	71	5	4196
745	20.0	20.2C	6.48 D	6.478	31.152B	2448	2448	1472.3C	90	9	3462
750	30.0	30.2C	-0.17 D	-0.170	31.856B	2560	2560	1444.6C	110	16	2393
755	40.0	40.3C	-0.79 D	-0.790	32.070B	2580	2580	1442.2C	142	24	2207
760	50.0	50.4C	-0.63 D	-0.630	32.341B	2601	2601	1443.5C	163	34	2004
765	75.0	75.6C	-0.11 D	-0.111	32.633B	2622	2622	1446.7C	211	65	1799

I N T E R P O L A T E D

MT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.300	9.300	30.322	2344	2344	1481.8	0	0	4454
	9.9	10.0	9.144A	9.143	30.216A	2333	2338	1481.3A	49	3	4511
	19.8	20.0	6.591C	6.589	31.130A	2445	2445	1472.7A	89	9	3489
	29.8	30.0	-0.093C	-0.093	31.847A	2559	2559	1444.9A	118	16	2406
	49.6	50.0	-0.636A	-0.636	32.331A	2600	2600	1443.4A	162	34	2011
	74.4	75.0	-0.121W	-0.122	32.626W	2622	2622	1446.6W	210	64	1804

PRESS OXY

CRUISE NUMBER 68036

STATION NUMBER 013

LAT	N47 55.80	YEAR	1968	WAVE-P/H	WIND-DIR	WW	COUN	18
LONG W	62 54.10	MONTH	6	SWEL-P/H	WIND-SPD	CLD-A	INST	10
DEPTH	71.0	DAY	20	SWEL-D	AIR-TEM		RESTR	
MARSD SQ	151	H/M	1017	BAFO	WET-BLB		UNAS	013

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEDA	CHI	SVA
1017	0.0	0.0C	10.6 G	10.600	29.363B	2249	2249	1485.4C	0	0	5365
1017	5.0	5.0C	10.33 D	10.329	29.344B	2252	2252	1484.5C	27	1	5336
1017	10.0	10.1C	9.68 D	9.679	29.564B	2279	2279	1482.4C	53	3	5079
1017	15.0	15.1C	9.29 D	9.288	29.700B	2296	2296	1481.2C	78	6	4917
1017	20.0	20.2C	7.01 D	7.008	30.353B	2379	2379	1473.3C	102	10	4124
1017	30.0	30.2C	1.41 D	1.409	31.127B	2494	2494	1450.8C	137	19	3027
1017	40.0	40.3C	-0.59 D	-0.590	31.743B	2553	2553	1442.7C	164	29	2468
1017	50.0	50.4C	-0.59 D	-0.590	32.109B	2582	2582	1443.4C	188	40	2182
1017	65.0	65.5C	-0.61 D	-0.611	32.161B	2586	2586	1443.6C	220	59	2141

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEDA	CHI	SVA
	0.0	0.0	10.600	10.600	29.363	2249	2249	1485.4	0	0	5365
	9.9	10.0	9.690A	9.689	29.560A	2279	2279	1482.4A	52	3	5079
	19.8	20.0	7.111C	7.109	30.329B	2376	2376	1473.7A	101	10	4153
	29.8	30.0	1.488C	1.487	31.113A	2492	2492	1451.1A	136	19	3043
	49.6	50.0	-0.589W	-0.589	32.099A	2581	2581	1443.4A	187	40	2189

DEPTH	PRESS	OXY
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CRUISE NUMBER 68036 STATION NUMBER 014

LAT	N47 55.80	YEAR	1968	WAVE-P/H	WIND-DIR	WW	CUUN	18
LONG	W 63 23.80	MONTH	6	WIND-SPD	CLD-A		INST	10
DEPTH	81.0	DAY	20	SWEL-D	AIR-TEM		RESTR	
WASD	50 151	H/M	1258	BARO	SET-VAL		UNAS	014

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	CHI	SVA
1258	0.0	0.0C	10.7 G	10.700	28.638B	2191	2191	1484.9C		5919
1258	5.0	5.0C	10.57 D	10.569	28.613B	2191	2191	1484.4C		5907
1258	10.0	10.1C	10.50 D	10.499	28.613B	2192	2192	1484.3C		5907
1258	15.0	15.1C	10.15 D	10.148	29.620B	2198	2198	1484.3C		5848
1258	20.0	20.2C	6.39 D	6.388	29.649B	2331	2331	1469.9C		4577
1258	30.0	30.2C	4.06 D	4.058	30.566B	2428	2428	1469.9C		3650
1258	40.0	40.3C	2.34 D	2.338	31.085B	2434	2434	1469.9C		3119
1258	50.0	50.4C	0.50 D	0.498	31.493B	2528	2528	1447.8C		2699
1258	75.0	75.6C	-0.67 D	-0.671	32.120B	2583	2583	1443.4C		2169

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	CHI	SVA
	0.0	0.0	10.700	10.700	28.638	2191	2191	1484.9		5919
	5.0	5.0	10.504A	10.503	28.613W	2192	2192	1484.3A		5903
	10.0	10.0	10.504A	10.503	28.613W	2192	2192	1484.3A		5903
	19.8	20.0	6.517E	6.515	29.613C	2326	2326	1470.3A		4621
	29.8	30.0	4.100B	4.098	30.552A	2426	2426	1470.3A		3665
	49.6	50.0	0.561C	0.559	31.479A	2526	2526	1447.8A		2713
	74.4	75.0	-0.641W	-0.641	32.105W	2582	2582	1443.5W		2182

DEPTH	PRESS	OXY
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CRUISE NUMBER 68036 STATION NUMBER 015

LAT	N47 55.80	YEAR	1968	WAVE-P/H	WIND-DIR	WW	60	COUN	18
LONG	W 63 53.50	MONTH	6	SWEL-P/H	WIND-SPD	CLD-A		INST	10
DEPTH	83.0	DAY	20	SWEL-D	AIR-TEM	12.0		RESTR	
MARSD	SQ 151	H/M	1548	BARO	WET-BLB			UNAS	015

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1548	0.0	0.0C	10.8 G	10.800	28.800B	2202	2202	1485.4C	0	0	5815
1548	5.0	5.0C	10.75 D	10.749	28.798B	2202	2202	1485.3C	29	1	5807
1548	10.0	10.1C	10.56 D	10.559	28.806B	2206	2206	1484.7C	59	3	5773
1548	15.0	15.1C	10.07 D	10.068	28.886B	2220	2220	1483.1C	87	7	5634
1548	19.0	19.1C	9.82 D	9.818	28.980B	2232	2232	1482.4C	110	11	5531
1548	29.0	29.2C	3.37 D	3.368	30.482B	2428	2428	1458.6C	156	22	3654
1548	39.0	39.3C	0.61 D	0.609	31.010B	2489	2489	1447.2C	190	34	3073
1548	48.0	48.4C	-0.49 D	-0.490	31.637B	2544	2544	1443.1C	215	45	2548
1548	72.0	72.6C	-0.57 D	-0.571	32.308B	2598	2598	1444.1C	269	78	2030
1548	77.0	77.6C	-0.51 D	-0.511	32.409B	2606	2606	1444.6C	279	86	1954

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.800	10.800	28.800	2202	2202	1485.4	0	0	5815
	9.9	10.0	10.567A	10.566	28.805A	2206	2206	1484.7A	58	3	5775
	19.9	20.0	9.459G	9.457	29.114W	2243	2243	1481.1C	115	12	5426
	29.8	30.0	3.035E	3.033	30.539D	2433	2433	1457.3A	159	23	3607
	49.6	50.0	-0.606E	-0.606	31.721C	2551	2551	1442.7A	219	47	2479
	74.4	75.0	-0.540W	-0.541	32.356W	2602	2602	1444.3W	274	82	1994

DEPTH	PRESS	OXY
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CRUISE NUMBER 68036 STATION NUMBER 016

LAT	N47 45.80	YEAR	1968	WAVE-P/H	WIND-DIR	WW	60	COUN	18
LONG	W 63 38.60	MONTH	6	SWEL-P/H	WIND-SPD	CLD-A		INST	10
DEPTH	73.0	DAY	20	SWEL-D	AIR-TEM			RESTR	
MARSD	SQ 151	H/M	1922	BARO	WET-BLB			UNAS	016

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1922	0.0	0.0C	10.8 G	10.800	28.723B	2196	2196	1485.3C	0	0	5871
1922	5.0	5.0C	10.56 D	10.559	28.719B	2199	2199	1484.5C	29	1	5836
1922	9.0	9.1C	10.52 D	10.519	28.720B	2200	2200	1484.4C	53	2	5830
1922	14.0	14.1C	10.37 D	10.368	28.718B	2202	2202	1484.0C	82	6	5809
1922	19.0	19.1C	10.10 D	10.098	28.725B	2207	2207	1483.1C	111	11	5763
1922	28.0	28.2C	4.70 D	4.698	30.208B	2394	2394	1463.8C	156	21	3980
1922	38.0	38.3C	2.64 D	2.638	30.857B	2464	2464	1456.0C	192	34	3313
1922	47.0	47.4C	0.91 D	0.908	31.167B	2500	2500	1448.9C	220	46	2969
1922	66.0	66.5C	-0.56 D	-0.561	31.837B	2560	2560	1443.4C	272	76	2391

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.800	10.800	28.723	2196	2196	1485.3	0	0	5871
	9.9	10.0	10.502A	10.500	28.720A	2200	2200	1484.4A	58	3	5828
	19.9	20.0	9.767G	9.765	28.872W	2218	2218	1481.9C	116	12	5656
	29.8	30.0	4.268F	4.266	30.388D	2416	2416	1462.4A	163	23	3771
	49.6	50.0	0.710W	0.708	31.258W	2508	2508	1448.2W	227	50	2890

DEPTH	PRESS	OXY
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CRUISE NUMBER 68036 STATION NUMBER 017

LAT	N47 45.80	YEAR	1968	WAVE-P/H	WIND-DIR	WW	COUN	18
LONG	W 63 8.90	MONTH	6	SWEL-P/H	WIND-SPD	CLD-A	INST	10
DEPTH	75.0	DAY	20	SWEL-D	AIR-TEM		RESTR	
MARSD SQ	151	H/M	2222	BARO	WET-BLB		UNAS	017

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2222	0.0	0.0C	10.1 G	10.100	29.4568	2264	2264	1483.7C	0	0	5218
2222	5.0	5.0C	10.05 D	10.049	29.4598	2265	2265	1483.6C	26	1	5208
2222	10.0	10.1C	10.02 D	10.019	29.4648	2266	2266	1483.6C	53	3	5200
2222	15.0	15.1C	9.91 D	9.908	29.6288	2280	2280	1483.4C	78	6	5063
2222	20.0	20.2C	9.71 D	9.708	29.7588	2294	2294	1482.9C	104	11	4937
2222	30.0	30.2C	3.19 D	3.188	30.2328	2410	2410	1457.5C	148	22	3829
2222	40.0	40.3C	1.39 D	1.388	31.1858	2498	2498	1451.0C	182	34	2981
2222	50.0	50.4C	-0.57 D	-0.570	31.5778	2539	2539	1442.7C	210	47	2591

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.100	10.100	29.456	2264	2264	1483.7	0	0	5218
	9.9	10.0	10.021A	10.020	29.463A	2266	2266	1483.6W	52	3	5200
	19.8	20.0	9.752C	9.750	29.752A	2293	2293	1483.1A	103	11	4942
	29.8	30.0	3.275C	3.273	30.218A	2408	2408	1457.8A	147	22	3849
	49.6	50.0	-0.491W	-0.491	31.561W	2537	2537	1443.0W	209	46	2606

DEPTH	PRESS	OXY
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CRUISE NUMBER 68036 STATION NUMBER 018

LAT	N47 45.80	YEAR	1968	WAVE-P/H	WIND-DIR	090	WW	60	COUN	18
LONG W	62 39.20	MONTH	6	SWEL-P/H	WIND-SPD	15	CLD-A		INST	10
DEPTH	70.0	DAY	21	SWEL-D	AIR-TEM				RESTR	
MARSD SQ	151	H/M	0106	BARD	WET-BLB				UNAS	019

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0106	0.0	0.0C	10.1 G	10.100	29.732B	2286	2286	1484.0C	0	0	5013
0106	5.0	5.0C	9.99 D	9.989	29.708B	2285	2285	1483.7C	25	1	5014
0106	10.0	10.1C	9.95 D	9.949	29.704B	2286	2286	1483.6C	51	3	5012
0106	15.0	15.1C	9.49 D	9.488	30.084B	2323	2323	1482.5C	75	6	4661
0106	20.0	20.2C	9.23 D	9.228	30.297B	2343	2343	1481.8C	98	10	4465
0106	30.0	30.2C	1.98 D	1.979	31.302B	2504	2504	1453.6C	135	19	2929
0106	40.0	40.3C	-0.27 D	-0.270	31.648B	2544	2544	1444.0C	162	29	2548
0106	50.0	50.4C	-0.82 D	-0.820	31.932B	2569	2569	1442.0C	187	40	2310
0106	65.0	65.5C	-0.76 D	-0.761	32.189B	2589	2589	1442.9C	220	60	2114

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.100	10.100	29.732	2286	2286	1484.0	0	0	5013
	9.9	10.0	9.954A	9.953	29.701A	2286	2286	1483.6A	51	3	5014
	19.8	20.0	9.255D	9.254	30.286A	2342	2342	1481.8A	57	10	4479
	29.8	30.0	2.076C	2.075	31.288A	2502	2502	1454.0A	134	19	2948
	49.6	50.0	-0.809C	-0.809	31.922A	2568	2568	1442.0A	186	40	2317

DEPTH	PRESS	OXY
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CRUISE NUMBER 68036 STATION NUMBER 019

LAT	N47 35.60	YEAR	1968	WAVE-P/H	WIND-DIR	WW	COUN	18
LONG W	62 24.40	MONTH	6	SWEL-P/H	WIND-SPD	CLD-A	INST	10
DEPTH	65.0	DAY	21	SWEL-D	AIR-TEM		RESTR	
MARSD SQ	151	H/M	0413	BARO	WET-BLB		UNAS	019

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0413	0.0	0.0C	9.8 G	9.800	30.711B	2366	2366	1484.2C	0	0	4240
0413	5.0	5.0C	9.58 D	9.579	30.703B	2369	2369	1483.4C	21	1	4213
0413	10.0	10.1C	9.57 D	9.569	30.702B	2369	2369	1483.5C	43	2	4213
0413	15.0	15.1C	9.57 D	9.568	30.710B	2370	2370	1483.6C	64	5	4207
0413	19.0	19.1C	9.53 D	9.528	30.738B	2373	2373	1483.5C	80	9	4182
0413	29.0	29.2C	3.11 D	3.108	30.742B	2451	2451	1457.8C	119	17	3437
0413	39.0	39.3C	-0.13 D	-0.130	31.638B	2542	2542	1444.7C	149	28	2561
0413	48.0	48.4C	-0.84 D	-0.840	31.841B	2561	2561	1441.8C	172	38	2379
0413	58.0	58.5C	-1.09 D	-1.090	32.022B	2577	2577	1441.0C	195	50	2233

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.800	9.800	30.711	2366	2366	1484.2	0	0	4240
	9.9	10.0	9.570W	9.569	30.702A	2369	2369	1483.5A	43	2	4213
	19.9	20.0	9.176G	9.175	30.741C	2376	2376	1482.1C	84	9	4152
	29.8	30.0	2.745C	2.743	30.782C	2458	2458	1456.3A	122	18	3372
	49.6	50.0	-0.879W	-0.879	31.870W	2564	2564	1441.7W	176	40	2356

DEPTH	PRESS	OXY
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CRUISE NUMBER 68036 STATION NUMBER 020

LAT	N47 35.80	YEAR	1968	WAVE-P/H	WIND-DIR	WW	COUN	18
LONG W	62 54.10	MONTH	6	SWEL-P/H	WIND-SPD	CLD-A	INST	10
DEPTH	56.0	DAY	21	SWEL-D	AIR-TEM		RESTR	
MARSD SQ	111	H/M	0643	BARO	WET-BLB		UNAS	020

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0643	0.0	0.0C	10.2 G	10.200	29.522B	2268	2268	1484.1C	0	0	5184
0643	5.0	5.0C	10.22 D	10.219	29.466B	2263	2263	1484.2C	26	1	5229
0643	10.0	10.1C	10.13 D	10.129	29.481B	2266	2266	1484.0C	53	3	5205
0643	15.0	15.1C	6.46 D	6.459	30.931B	2431	2431	1471.8C	75	5	3624
0643	20.0	20.2C	4.96 D	4.959	31.071B	2459	2459	1465.9C	93	9	3355
0643	30.0	30.2C	-0.31 D	-0.310	31.394B	2523	2523	1443.3C	123	16	2741
0643	40.0	40.3C	-1.04 D	-1.040	31.650B	2547	2547	1440.5C	149	26	2521
0643	50.0	50.4C	-1.20 D	-1.200	31.731B	2553	2553	1440.0C	174	37	2454

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.200	10.200	29.522	2268	2268	1484.1	0	0	5184
	9.9	10.0	10.163C	10.162	29.469B	2265	2265	1484.1A	53	3	5219
	19.8	20.0	5.028D	5.027	31.065A	2458	2458	1466.2A	92	9	3366
	29.8	30.0	-0.247C	-0.247	31.388A	2522	2522	1443.6A	122	16	2750
	49.6	50.0	-1.193W	-1.193	31.728W	2553	2553	1440.0W	173	37	2457

DEPTH	PRESS	OXY
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CRUISE NUMBER 68036 STATION NUMBER 021

LAT	N47 35.80	YEAR	1968	WAVE-P/H	WIND-DIR	WW	COUN	18
LONG W	63 23.80	MONTH	6	SWEL-P/H	WIND-SPD	CLD-A	INST	10
DEPTH	79.0	DAY	21	SWEL-D	AIR-TEM		RESTR	
MARSD SQ	151	H/M	0920	BARO	WET-BLB		UNAS	021

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0920	0.0	0.0C	10.3 G	10.300	29.350B	2253	2253	1484.3C	0	0	5327
0920	5.0	5.0C	10.36 D	10.359	29.360B	2252	2252	1484.6C	27	1	5329
0920	10.0	10.1C	10.40 D	10.399	29.407B	2255	2255	1484.9C	54	3	5302
0920	15.0	15.1C	10.15 D	10.148	29.447B	2263	2263	1484.1C	80	6	5234
0920	20.0	20.2C	5.76 D	5.758	30.595B	2413	2413	1468.6C	103	10	3797
0920	30.0	30.2C	1.70 D	1.699	31.420B	2515	2515	1452.5C	136	19	2822
0920	40.0	40.3C	0.04 D	0.039	31.710B	2548	2548	1445.6C	163	28	2513
0920	50.0	50.4C	-0.95 D	-0.950	31.920B	2568	2568	1441.4C	187	39	2316
0920	70.0	70.5C	-0.89 D	-0.891	32.209B	2591	2591	1442.4C	232	67	2094

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.300	10.300	29.350	2253	2253	1484.3	0	0	5327
	9.9	10.0	10.402A	10.401	29.406A	2255	2255	1484.9A	53	3	5303
	19.8	20.0	5.914E	5.912	30.556C	2408	2408	1469.2A	102	10	3846
	29.8	30.0	1.757B	1.756	31.409A	2514	2514	1452.7A	135	19	2835
	49.6	50.0	-0.923A	-0.923	31.913A	2567	2567	1441.5A	186	39	2322

DEPTH	PRESS	OXY
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CRUISE NUMBER 68036

STATION NUMBER 022

LAT	N47 35.80	YEAR	1968	WAVE-P/H	WIND-DIR	WW	COUN	18
LONG	W 63 53.50	MONTH	6	SWEL-P/H	WIND-SPD	CLD-A	INST	10
DEPTH	53.0	DAY	21	SWEL-D	AIR-TEM		RESTR	
MARSD SQ	151	H/M	1154	BARO	WET-BLB		UNAS	022

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GECA	CHI	SVA
1154	0.0	0.0C	10.6 G	10.600	28.944B	2216	2216	1484.9C	0	0	5676
1154	5.0	5.0C	10.54 D	10.539	28.930B	2216	2216	1484.7C	28	1	5677
1154	10.0	10.1C	10.45 D	10.449	28.941B	2218	2218	1484.5C	57	3	5656
1154	15.0	15.1C	10.03 D	10.028	29.112B	2238	2238	1483.2C	85	7	5465
1154	20.0	20.2C	7.45 D	7.448	29.680B	2320	2320	1474.2C	111	11	4683
1154	30.0	30.2C	1.63 D	1.629	30.812B	2467	2467	1451.4C	151	21	3280
1154	40.0	40.3C	0.22 D	0.219	31.082B	2496	2496	1445.5C	182	32	3001
1154	49.0	49.4C	-0.43 D	-0.430	31.320B	2518	2518	1443.0C	208	44	2792

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GECA	CHI	SVA
	0.0	0.0	10.600	10.600	28.944	2216	2216	1484.9	0	0	5676
	9.9	10.0	10.455A	10.454	28.939A	2218	2218	1484.5A	56	3	5658
	19.8	20.0	7.559C	7.557	29.658A	2317	2317	1474.6A	110	11	4713
	29.8	30.0	1.708D	1.707	30.789A	2465	2465	1451.7A	150	21	3298
	49.6	50.0	-0.472W	-0.472	31.336W	2519	2519	1442.8W	210	45	2778

DEPTH	PRESS	OXY
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CRUISE NUMBER 68036

STATION NUMBER 023

LAT	N47 25.80	YEAR	1968	WAVE-P/H	WIND-DIR	WW	COUN	18
LONG	W 63 38.60	MONTH	6	SWEL-P/H	WIND-SPD	CLD-A	INST	10
DEPTH	60.0	DAY	21	SWEL-D	AIR-TEM		RESTR	
MARSD	SQ 151	H/M	1436	BARO	WET-BLB		UNAS	023

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1436	0.0	0.0C	10.7 G	10.700	29.094B	2226	2226	1485.4C	0	0	5580
1436	5.0	5.0C	10.57 D	10.569	29.073B	2227	2227	1485.0C	28	1	5575
1436	10.0	10.1C	10.52 D	10.519	29.078B	2228	2228	1484.9C	56	3	5564
1436	15.0	15.1C	9.56 D	9.558	29.483B	2275	2275	1482.0C	83	6	5118
1436	20.0	20.2C	6.50 D	6.498	30.080B	2364	2364	1470.9C	107	11	4267
1436	30.0	30.2C	2.00 D	1.999	31.003B	2480	2480	1453.3C	144	20	3158
1436	39.0	39.3C	0.22 D	0.219	31.303B	2514	2514	1445.8C	171	29	2831
1436	49.0	49.4C	-1.24 D	-1.240	31.827B	2561	2561	1439.9C	197	41	2379
1436	54.0	54.4C	-1.27 D	-1.270	31.902B	2567	2567	1440.0C	209	47	2319

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.700	10.700	29.094	2226	2226	1485.4	0	0	5580
	9.9	10.0	10.528B	10.527	29.074A	2228	2228	1484.9A	55	3	5568
	19.8	20.0	6.614C	6.612	30.058A	2361	2361	1471.3A	106	11	4298
	29.8	30.0	2.064A	2.063	30.990A	2478	2478	1453.6A	143	20	3172
	49.6	50.0	-1.243W	-1.243	31.836W	2562	2562	1439.9W	198	42	2372

DEPTH	PRESS	OXY
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CRUISE NUMBER 68036 STATION NUMBER 024

LAT	N47 25.80	YEAR	1968	WAVE-P/H	WIND-DIR	WW	COUN	18
LONG	W 63 51.40	MONTH	6	SWEL-P/H	WIND-SPD	CLD-A	INST	10
DEPTH	57.0	DAY	21	SWEL-D	AIR-TEM	13.5	RESTR	
WASD	151	H/M	1725	BARO	WET-BLB	12.5	UNAS	024

OBSERVED

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GECA	CHI	SVA
1725	0.0	0.0C	10.1 G	10.100	30.337B	2333	2333	1484.8C	0	0	4564
1725	5.0	5.0C	9.90 D	9.899	30.295B	2332	2332	1484.1C	23	1	4564
1725	10.0	10.1C	9.86 D	9.859	30.294B	2333	2333	1484.0C	46	2	4560
1725	15.0	15.1C	9.50 D	9.498	30.323B	2341	2341	1482.8C	69	5	4485
1725	20.0	20.2C	5.53 D	5.528	31.044B	2451	2451	1468.3C	89	9	3435
1725	25.0	20.2C	-0.24 D	-0.240	31.378B	2522	2522	1443.6C	120	17	2756
1725	30.0	39.4C	-0.70 D	-0.700	31.606B	2542	2542	1442.0C	144	25	2565
1725	35.0	49.4C	-0.70 D	-0.700	31.583B	2540	2540	1442.1C	170	37	2582
1725	41.0	61.5C	-1.25 D	-1.250	31.899B	2567	2567	1440.2C	200	54	2322

INTERPOLATED

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GECA	CHI	SVA
	0.0	0.0	10.100	10.100	30.337	2333	2333	1484.8	0	0	4564
	9.9	10.0	9.864A	9.863	30.294A	2333	2333	1484.0A	46	2	4560
	19.8	20.0	5.678D	5.676	31.020C	2447	2447	1468.9A	88	9	3471
	29.8	30.0	-0.176B	-0.176	31.372A	2521	2521	1443.9A	119	17	2765
	39.8	50.0	-0.726W	-0.726	31.599W	2541	2541	1442.0W	171	38	2569

DEPTH	PRESS	OXY
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CRUISE NUMBER 68036

STATION NUMBER 025

LAT	N47 25.80	YEAR	1968	WAVE-P/H	WIND-DIR	WW	60	COUN	18
LONG	W 62 39.20	MONTH	6	SWEL-P/H	WIND-SPD	CLD-A		INST	10
DEPTH	67.0	DAY	21	SWEL-D	AIR-TEM			RESTR	
MARSD SQ	151	H/M	2005	BARO	WET-BLB			UNAS	025

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
2005	0.0	0.0C	10.3 G	10.300	30.245B	2322	2322	1485.4C	0	0	4663
2005	5.0	5.0C	10.22 D	10.219	30.291B	2327	2327	1485.3C	23	1	4616
2005	10.0	10.1C	10.36 D	10.359	30.259B	2322	2322	1485.8C	47	2	4663
2005	15.0	15.1C	10.19 D	10.188	30.757B	2364	2364	1485.9C	69	5	4268
2005	20.0	20.2C	9.52 D	9.518	31.211B	2410	2410	1484.1C	90	9	3829
2005	29.0	29.2C	4.19 D	4.188	31.538B	2504	2504	1463.5C	120	17	2928
2005	39.0	39.3C	0.48 D	0.479	31.742B	2548	2548	1447.6C	147	26	2508
2005	49.0	49.4C	-0.75 D	-0.750	31.800B	2558	2558	1442.2C	172	37	2413
2005	61.0	61.5C	-1.07 D	-1.070	32.097B	2583	2583	1441.3C	200	53	2176

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.300	10.300	30.245	2322	2322	1485.4	0	0	4663
	9.9	10.0	10.360A	10.359	30.255A	2322	2322	1485.8A	47	2	4662
	19.8	20.0	9.571C	9.569	31.196A	2408	2408	1484.3A	89	9	3847
	29.8	30.0	3.807A	3.805	31.560A	2510	2510	1461.9A	122	18	2874
	49.6	50.0	-0.765W	-0.765	31.815W	2559	2559	1442.2W	173	38	2401

DEPTH	PRESS	OXY
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CRUISE NUMBER 68036

STATION NUMBER 026

LAT	N47 15.80	YEAR	1968	WAVE-P/H	WIND-DIR	WW	COUN	18
LONG	W 62 24.40	MONTH	6	SWEL-P/H	WIND-SPD	CLD-A	INST	10
DEPTH	50.0	DAY	21	SWEL-D	AIR-TEM	11.5	RESTR	
WAVE	50	H/M	2247	BARO	WET-BLB	10.0	UNAS	025

O B S E R V E D

DEPTH	TEMP	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0.0	0.0C	10.2	G	10.200	30.587B	2350	2350	1485.5C	0	0	4394
5.0	5.0C	9.80	D	9.799	30.577B	2356	2356	1484.1C	22	1	4340
10.0	10.1C	9.74	D	9.739	30.635B	2361	2361	1484.0C	44	2	4289
15.0	15.1C	8.68	D	8.678	31.058B	2411	2411	1480.7C	64	5	3819
20.0	20.2C	1.66	D	1.659	31.439B	2517	2517	1452.2C	81	8	2805
30.0	30.2C	-0.51	D	-0.510	31.705B	2549	2549	1442.8C	108	15	2496
40.0	40.3C	-0.87	D	-0.870	31.774B	2556	2556	1441.4C	133	24	2431
50.0	50.4C	-1.14	D	-1.140	32.066B	2580	2580	1440.7C	156	34	2198

I N T E R P O L A T E D

DEPTH	TEMP	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0.0	0.0	10.200	10.200	30.587	2350	2350	1485.5	0	0	4394	
9.9	10.0	9.751A	9.750	30.631A	2361	2361	1484.0A	44	2	4291	
19.8	20.0	1.886F	1.885	31.426A	2514	2514	1453.1A	80	8	2837	
29.8	30.0	-0.484C	-0.484	31.702A	2549	2549	1442.9A	107	15	2500	
49.6	50.0	-1.128W	-1.128	32.054W	2579	2579	1440.7W	155	34	2207	

DEPTH	PRESS	OXY
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CRUISE NUMBER 68036

STATION NUMBER 027

LAT	N47 15.80	YEAR	1968	WAVE-P/H	WIND-DIR	290	WW	COUN	18
LONG	W 62 54.10	MONTH	6	SWEL-P/H	WIND-SPD	12	CLD-A	INST	10
DEPTH	62.0	DAY	22	SWEL-D	AIR-TEM	9.8		RESTR	
MARSD SQ	151	H/M	0134	BARO	WET-BLB			UNAS	027

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0134	0.0	0.0C	10.7 G	10.700	29.815B	2282	2282	1486.3C	0	0	5046
0134	5.0	5.0C	10.44 D	10.439	29.821B	2287	2287	1485.5C	25	1	5000
0134	10.0	10.1C	10.43 D	10.429	29.818B	2287	2287	1485.5C	51	3	5001
0134	15.0	15.1C	10.39 D	10.388	29.854B	2290	2290	1485.5C	76	6	4969
0134	20.0	20.2C	7.07 D	7.068	30.841B	2416	2416	1474.2C	98	10	3766
0134	29.0	29.2C	0.79 D	0.789	31.397B	2519	2519	1448.4C	127	17	2787
0134	39.0	39.3C	0.01 D	0.009	31.605B	2539	2539	1445.3C	154	26	2592
0134	49.0	49.4C	-0.42 D	-0.420	31.657B	2545	2545	1443.5C	180	38	2534
0134	56.0	56.4C	-0.56 D	-0.560	31.672B	2547	2547	1443.0C	197	48	2517

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.700	10.700	29.815	2282	2282	1486.3	0	0	5046
	9.9	10.0	10.430A	10.429	29.818A	2287	2287	1485.5W	50	3	5001
	19.8	20.0	7.205C	7.203	30.809C	2412	2412	1474.6W	97	10	3807
	29.8	30.0	0.541F	0.540	31.428B	2524	2524	1447.4B	129	18	2742
	49.6	50.0	-0.431W	-0.431	31.658W	2545	2545	1443.5W	181	39	2533

DEPTH	PRESS	OXY
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CRUISE NUMBER 68036

STATION NUMBER 028

LAT	N47 15.80	YEAR	1968	WAVE-P/H	WIND-DIR	WW	COUN	18
LONG W	63 23.80	MONTH	6	SWEL-P/H	WIND-SPD	CLD-A	INST	10
DEPTH	53.0	DAY	22	SWEL-D	AIR-TEM		RESTR	
MARSD SQ	151	H/M	1715	BARO	WET-BLB		UNAS	028

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1715	0.0	0.0C	11.1 G	11.100	29.234B	2230	2230	1487.0C	0	0	5541
1715	5.0	5.0C	10.46 D	10.459	29.270B	2244	2244	1484.9C	27	1	5412
1715	10.0	10.1C	10.24 D	10.239	29.385B	2256	2256	1484.3C	55	3	5293
1715	15.0	15.1C	5.87 D	5.869	30.094B	2372	2372	1468.3C	79	6	4185
1715	20.0	20.2C	3.39 D	3.389	30.628B	2439	2439	1458.7C	98	9	3545
1715	30.0	30.2C	0.55 D	0.549	31.066B	2493	2493	1446.8C	131	18	3028
1715	40.0	40.3C	-0.41 D	-0.410	31.322B	2518	2518	1442.9C	160	28	2792
1715	50.0	50.4C	-1.08 D	-1.080	31.648B	2546	2546	1440.4C	187	40	2521

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.100	11.100	29.234	2230	2230	1487.0	0	0	5541
	9.9	10.0	10.276D	10.276	29.377A	2256	2256	1484.4A	54	3	5296
	19.8	20.0	3.467C	3.466	30.611A	2437	2437	1459.0A	97	9	3562
	29.8	30.0	0.588A	0.587	31.059A	2492	2492	1447.0A	130	18	3035
	49.6	50.0	-1.052W	-1.052	31.635W	2545	2545	1440.5W	186	40	2532

DEPTH	PRESS	OXY
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CRUISE NUMBER 68036

STATION NUMBER 029

LAT	N47 15.80	YEAR	1968	WAVE-P/H		WIND-DIR		WW	01	COUN	18
LONG	W 63 53.50	MONTH	6	SWEL-P/H		WIND-SPD		CLD-A		INST	10
DEPTH	44.0	DAY	22	SWEL-D		AIR-TEM	14.5			RESTR	
MARSD	SQ 151	H/M	1945	BARO		WET-BLB	12.0			UNAS	029

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1945	0.0	0.0C	11.4 G	11.400	29.3608	2235	2235	1488.3C	0	0	5497
1945	5.0	5.0C	11.16 D	11.159	29.3298	2237	2237	1487.5C	27	1	5481
1945	10.0	10.1C	10.78 D	10.779	29.3968	2248	2248	1486.3C	55	3	5370
1945	15.0	15.1C	10.89 D	10.888	29.3438	2242	2242	1486.7C	82	6	5429
1945	20.0	20.2C	9.63 D	9.628	29.3268	2261	2261	1482.1C	109	11	5246
1945	30.0	30.2C	4.68 D	4.678	29.5458	2342	2342	1462.9C	158	24	4478
1945	35.0	35.3C	2.83 D	2.828	30.2088	2410	2410	1455.9C	180	31	3820

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	11.400	11.400	29.360	2235	2235	1488.3	0	0	5497
	9.9	10.0	10.783A	10.782	29.396A	2248	2248	1486.3A	54	3	5371
	19.8	20.0	9.705A	9.703	29.325A	2260	2260	1482.4A	108	11	5257
	29.8	30.0	4.766C	4.764	29.5298	2340	2340	1463.2A	157	24	4499

DEPTH	PRESS	OXY
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CRUISE NUMBER 68036

STATION NUMBER 030

LAT	N47	5.80	YEAR	1968	WAVE-P/H	WIND-DIR	WW	COUN	18
LONG	W 63	38.60	MONTH	6	SWEL-P/H	WIND-SPD	CLD-A	INST	10
DEPTH		51.0	DAY	22	SWEL-D	AIR-TEM	12.5	RESTR	
MARSD	SQ	151	H/M	2213	BARO	WET-BLB	11.0	UNAS	030

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GECA	CHI	SVA
2213	0.0	0.0C	10.8 G	10.800	29.314B	2242	2242	1486.1C	0	0	5433
2213	5.0	5.0C	10.88 D	10.879	29.344B	2243	2243	1486.5C	27	1	5424
2213	10.0	10.1C	10.36 D	10.359	29.337B	2251	2251	1484.7C	55	3	5347
2213	15.0	15.1C	10.26 D	10.258	29.366B	2255	2255	1484.4C	81	6	5311
2213	20.0	20.2C	6.53 D	6.528	30.025B	2359	2359	1471.0C	106	11	4312
2213	30.0	30.2C	2.91 D	2.908	30.822B	2459	2459	1457.0C	144	20	3360
2213	40.0	40.3C	0.42 D	0.419	31.044B	2492	2492	1446.4C	176	32	3038
2213	45.0	45.3C	-0.14 D	-0.140	31.271B	2513	2513	1444.2C	191	38	2841

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GECA	CHI	SVA
	0.0	0.0	10.800	10.800	29.314	2242	2242	1486.1	0	0	5433
	9.9	10.0	10.366A	10.365	29.337A	2251	2251	1484.7A	54	3	5348
	19.8	20.0	6.662D	6.660	30.001B	2355	2355	1471.5A	105	11	4347
	29.8	30.0	2.971B	2.969	30.812A	2458	2458	1457.2A	143	20	3373

DEPTH	PRESS	OXY
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CRUISE NUMBER 68036

STATION NUMBER 031

LAT	N47	5.80	YEAR	1968	WAVE-P/H	WIND-DIR	WW	COUN	18
LONG	W 63	8.90	MONTH	6	SWEL-P/H	WIND-SPD	CLD-A	INST	10
DEPTH		60.0	DAY	23	SWEL-D	AIR-TEM	11.5	RESTR	
MARSD SQ	151		H/M	0100	BARO	WET-BLB	11.0	UNAS	031

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0100	0.0	0.0C	10.8 G	10.800	30.308B	2319	2319	1487.3C	0	0	4697
0100	5.0	5.0C	10.39 D	10.389	30.244B	2321	2321	1485.8C	23	1	4678
0100	10.0	10.1C	9.99 D	9.989	30.266B	2329	2329	1484.5C	47	2	4601
0100	15.0	15.1C	6.48 D	6.479	30.787B	2420	2420	1471.7C	68	5	3735
0100	20.0	20.2C	5.10 D	5.099	31.178B	2466	2466	1466.7C	86	8	3288
0100	30.0	30.2C	-0.43 D	-0.430	31.292B	2516	2516	1442.6C	116	16	2815
0100	39.0	39.3C	-0.89 D	-0.890	31.517B	2535	2535	1441.0C	141	25	2627
0100	49.0	49.4C	-0.95 D	-0.950	31.531B	2537	2537	1440.9C	167	37	2614
0100	54.0	54.4C	-0.98 D	-0.980	31.603B	2543	2543	1440.9C	180	43	2557

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.800	10.800	30.308	2319	2319	1487.3	0	0	4697
	9.9	10.0	10.002C	10.001	30.261A	2328	2328	1484.5A	47	2	4609
	19.8	20.0	5.165D	5.164	31.166A	2465	2465	1467.0A	85	8	3301
	29.8	30.0	-0.367D	-0.367	31.288A	2515	2515	1442.9A	115	16	2822
	49.6	50.0	-0.953W	-0.953	31.540W	2538	2538	1440.9W	169	38	2607

DEPTH	PRESS	OXY
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CRUISE NUMBER 68036

STATION NUMBER 032

LAT	N47	5.80	YEAR	1968	WAVE-P/H	WIND-DIR	WW	COUN	18
LONG	W 62	39.20	MONTH	6	SWEL-P/H	WIND-SPD	CLD-A	INST	10
DEPTH		66.0	DAY	23	SWEL-D	AIR-TEM		RESTR	
MARSD	SQ	151	H/M	0402	BARO	WET-BLB		UNAS	032

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
0402	0.0	0.0C	9.8 G	9.800	30.954B	2385	2385	1484.5C	0	0	4059
0402	5.0	5.0C	9.90 D	9.899	30.957B	2384	2384	1484.9C	20	1	4073
0402	10.0	10.1C	9.62 D	9.619	30.997B	2392	2392	1484.0C	41	2	4001
0402	15.0	15.1C	8.80 D	8.798	31.088B	2411	2411	1481.1C	61	5	3813
0402	20.0	20.2C	7.52 D	7.518	31.267B	2444	2444	1476.5C	79	8	3506
0402	30.0	30.2C	1.06 D	1.059	31.453B	2522	2522	1449.7C	110	16	2759
0402	40.0	40.3C	-0.76 D	-0.760	31.672B	2547	2547	1441.8C	137	25	2512
0402	50.0	50.4C	-0.94 D	-0.940	31.839B	2561	2561	1441.4C	162	37	2378
0402	60.0	60.5C	-1.15 D	-1.150	32.026B	2577	2577	1440.8C	185	50	2228

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	9.800	9.800	30.954	2385	2385	1484.5	0	0	4059
	9.9	10.0	9.631A	9.630	30.996A	2392	2392	1484.0A	41	2	4004
	19.8	20.0	7.590C	7.588	31.261A	2443	2443	1476.8A	78	8	3520
	29.8	30.0	1.144A	1.143	31.449A	2521	2521	1450.1A	109	16	2769
	49.6	50.0	-0.931A	-0.931	31.832A	2560	2560	1441.4A	161	37	2384

DEPTH	PRESS	OXY
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CRUISE NUMBER 08036 STATION NUMBER 033

LAT	N46 45.60	YEAR	1968	WAVE-P/H	WIND-DIR	WW	COUN	18
LONG	W 61 40.70	MONTH	6	SWEL-P/H	WIND-SPD	CLD-A	INST	10
DEPTH	74.0	DAY	26	SWEL-D	AIR-TEM		RESTR	
MARSD	SQ 151	H/M	1736	BARO	WET-BLB		UNAS	033

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
1736	0.0	0.0C	10.8 G	10.800	31.021B	2374	2374	1488.2C	0	0	4169
1736	5.0	5.0C	10.59 D	10.589	31.009B	2377	2377	1487.5C	21	1	4143
1736	10.0	10.1C	10.50 D	10.499	31.005B	2378	2378	1487.3C	42	2	4132
1736	15.0	15.1C	10.17 D	10.168	31.023B	2385	2385	1486.2C	62	5	4068
1736	20.0	20.2C	6.32 D	6.318	31.232B	2456	2456	1471.7C	82	8	3383
1736	30.0	30.2C	0.14 D	0.139	31.351B	2518	2518	1445.4C	112	16	2792
1736	40.0	40.3C	0.17 D	0.169	31.433B	2525	2525	1445.8C	140	26	2730
1736	50.0	50.4C	-0.22 D	-0.220	31.552B	2536	2536	1444.3C	167	38	2623
1736	65.0	65.5C	-0.23 D	-0.231	31.610B	2541	2541	1444.6C	206	62	2577

DEPTH	PRESS	OXY
0.0	0.0C	685
5.0	5.0C	675
10.0	10.1C	680
15.0	15.1C	680
20.0	20.2C	772
30.0	30.2C	720
40.0	40.3C	734
50.0	50.4C	711
65.0	65.5C	704

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GEOA	CHI	SVA
	0.0	0.0	10.800	10.800	31.021	2374	2374	1488.2	0	0	4169
	9.9	10.0	10.504A	10.503	31.005A	2378	2378	1487.3A	42	2	4133
	19.8	20.0	6.466D	6.464	31.225A	2454	2454	1472.3A	81	8	3407
	29.8	30.0	0.208C	0.207	31.349A	2517	2517	1445.7A	111	16	2798
	49.6	50.0	-0.208B	-0.208	31.548A	2536	2536	1444.3A	166	37	2626

CRUISE NUMBER 68036

STATION NUMBER 237

DEPTH	PRESS	WXY
7.9	5.0	685
9.9	10.0	680W
19.8	20.0	768W
29.8	30.0	720A
49.6	50.0	712A

CRUISE NUMBER 68036 STATION NUMBER 034

LAT	N46 45.60	YEAR	1968	WAVE-P/H	WIND-DIR	W	COUN	18
LONG	W 61 26.10	MONTH	6	SWEL-P/H	WIND-SPD	CLD-A	INST	10
DEPTH	67.0	DAY	26	SWEL-D	AIR-TEM		RESTR	
MARSD SQ	151	H/M	1915	BARO	WET-BLB		UNAS	034

O B S E R V E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GECA	CHI	SVA
1915	0.0	0.0C	11.3	G							
1915	5.0	5.0C	10.55	D							
1915	10.0	10.1C	10.47	D							
1915	15.0	15.1C	9.67	D							
1915	20.0	20.2C	3.22	D							
1915	30.0	30.2C	1.78	D							

DEPTH	PRESS	OXY
0.0	0.0C	657
5.0	5.0C	665
10.0	10.1C	668
15.0	15.1C	679
20.0	20.2C	776
30.0	30.2C	772

I N T E R P O L A T E D

GMT	DEPTH	PRESS	TEMP	POT. T	SAL	SGMT	SGPT	SOUND	GECA	CHI	SVA
	0.0	0.0	11.300								
	9.9	10.0	10.479A								
	19.8	20.0	3.425F								
	29.8	30.0	1.809W								

DEPTH	PRESS	OXY
0.0	0.0	657
9.9	10.0	668A
19.8	20.0	773A
29.8	30.0	772W

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1	Generator Lake, Baffin Island, N.W.T. and Tasiujaq Cove, Ekalugad Fiord, Baffin Island, N.W.T. 1968	22-68-777

